



S U S T A I N A B L E
D E V E L O P M E N T
R E P O R T



2019

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Foreword

In September 2015, the 195 Member States of the United Nations jointly undertook to achieve 17 **Sustainable Development Goals** (SDGs). This *2030 Agenda* seeks to eradicate poverty and inequality, while delivering an ecological and solidarity-based transition for the Planet by 2030. The SDGs feature 169 target-actions and form a reference framework to deliver sustainable development, both nationally and internationally.

Large cities are directly concerned and play a direct role in the transition process. As such, the **City of Paris** works on a daily basis to apply the 17 **Sustainable Development Goals** (SDGs).

In 2019, the City of Paris dealt with two heatwaves by taking steps to help **cool the city** and provide support to vulnerable people in the capital. To improve the quality of life of Parisians, the City has tackled air pollution by supporting differentiated traffic zones and the use of **non-motorised forms of transport**. To boost the presence of nature in the city, which acts, in particular, as cool areas, Paris has extended its **planting and paving removal schemes**. The City has expanded on its range of consultation and participation tools so that Parisians can play their part in changing the capital. As such, it has created, for example, a Climate Agora and the **Paris Volunteers programme**. It has also developed activities focusing on social inclusion and combating discrimination by promoting civic action and by opening, for example, the Solidarity Hub (12th). Finally, Paris has restated its commitment to more responsible consumption by supporting **circular economy** initiatives and by holding the 1st **Sustainable Food Days event**.

Looking ahead to 2024, when Paris will host the Olympic and Paralympic Games, the City has unveiled its **Legacy Programme**, featuring 20 measures to make these the first more frugal, mutually supportive, inclusive and attractive Olympic Games for the community and the area.

This **10th sustainable development report** provides an overview of actions undertaken in 2019 in the City and its Council.

To better grasp the **Sustainable Development Goals**, this report provides a **double reading grid** in which each sustainable development outcome is analysed at the start of the section in light of the SDGs. Complementing this report is an **overview** presenting the main initiatives implemented by the City in 2019 to contribute to the **Sustainable Development Goals**.



In 2020, the global COVID pandemic led to a lockdown throughout the entire City of Paris. The effects of this major crisis will be studied as a whole in the next year's report.



20 February – French and foreign Mayors, associations, specialists and legal experts meet in Paris for the international *Justice4Climate* conference on climate justice.

21 February – Paris City Hall (4th) hosts the 3rd international *C40 Women4Climate* conference. The event brings together Mayors and activists worldwide, highlighting the role of younger generations and entrepreneurs to combat climate change.

18 March – The City inaugurates 750 homes in the *Cité Glacière* (13th), renovated to be more heat efficient.

25-28 May – The 4th *Paris of the future* event celebrates community action to foster behavioural change, a key driver for the ecological transition process.

23 June – In the hottest June on record, the City triggers level 3 of its Heatwave Plan by introducing adaptive management measures, especially support for vulnerable individuals.

8 July – Paris declares a climate emergency and presents its cooling strategy to the City Council.

– The City pledges to create a Climate Academy to educate young people living in Paris about the environmental challenges and support them to develop projects that focus on the climate.

– The City Council approves the guiding principles as well as development advice and programming procedures for a carbon-neutral and resilient city. This document will be appended to the Local Land Use Plan.

4 September – The City of Paris and the *C40* host the 3rd intake for the *Women4Climate* mentoring programme which, this year, includes 20 entrepreneurs from Paris and the surrounding area.

17 October – The 7th *Paris Climate Action Charter* ceremony welcomes 9 new signing partners.

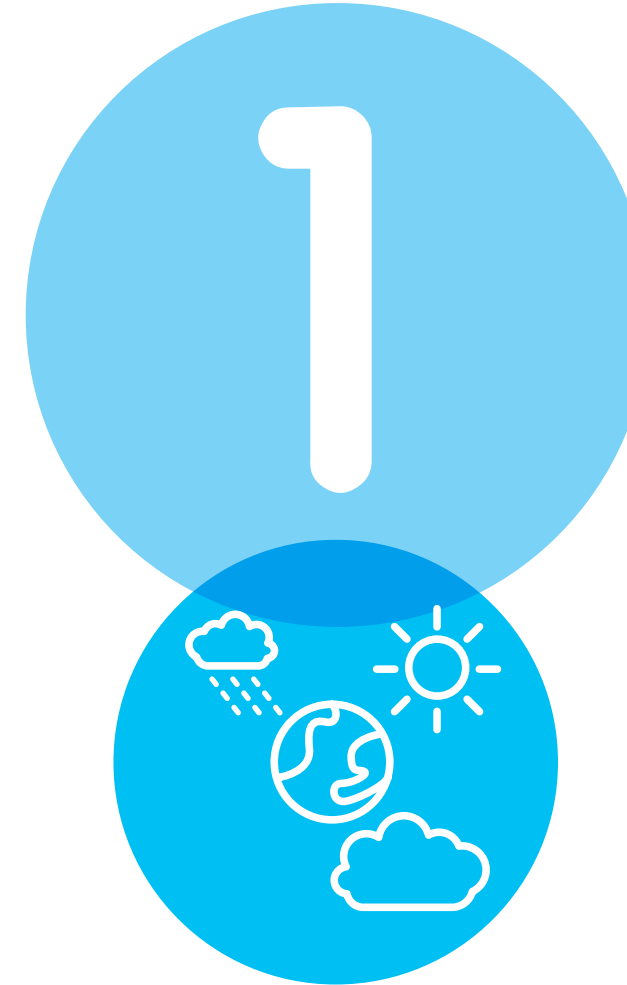
13 November – The City introduces an innovative public lighting system with movement sensors, for the *Villa Coeur-de-Vey* (14th).

11 December – The Clichy-Batignolles planning operation (17th) secures a "stage 4" rating for the EcoQuartier certification scheme, which measures long-term efforts to meet commitments and the way in which intended practices are taken up by local users.



Combating climate change and adapting the city

2019 was marked by an all-time record temperature of 42.6°C in the shade, on 25 July. In late June and throughout July, there were two heatwaves. Generally speaking, summer in Paris was particularly hot, with the 3rd highest average temperature (21.7°C) since 1900, following other records set in 2003 and 2018. To keep the capital pleasant to live in and resilient to climate change, the City of Paris runs and supports city cooling initiatives, green investments, new forms of energy, while renovating homes and constructing sustainable buildings. The 3rd *Paris Climate Air and Energy Action Plan* was adopted in 2018 and provides a roadmap for a carbon-neutral, resilient and inclusive city by 2050. All local stakeholders have an active role to play in meeting this goal.



24 July – Due to the exceptionally severe heatwave, Paris triggers the red alert in its Heatwave Plan to make the City Council's services, together with other stakeholders (Prefecture, emergency services, etc.), fully available to intervene.



On 25 July, the weather station in the Parc Montsouris (14th) registers a record temperature of 42.6°C



Paris Climate, Air and Energy Action Plan, how to be carbon neutral by 2050?

Review of greenhouse gas emissions 2004-2018

The City of Paris has been assessing greenhouse gas emissions in the city and in its services since 2004. This has helped pinpoint the contribution each business sector makes and the influence of local policies. A review of the city area is conducted every 5 years in compliance with the [Climate Action Plan](#). The latest published report features results for 2018 and patterns since 2004.

THE CITY AND ITS PARTNERS LAUNCH CARBON WEATHER, A CO₂ LEVEL REPORTING SYSTEM

The French start-up Origins.earth, together with the Climate and Environmental Science Laboratory and the City of Paris, launched the *Carbon Weather* in November. This is a system that measures, monitors and maps real-time greenhouse gas emissions in the Greater Paris area. Sensors have already been installed on the roofs of 3 municipal buildings. The first data will be available in the second half of 2020.

15 years of action from 2004 to 2018

20% reduction

in the area's carbon footprint

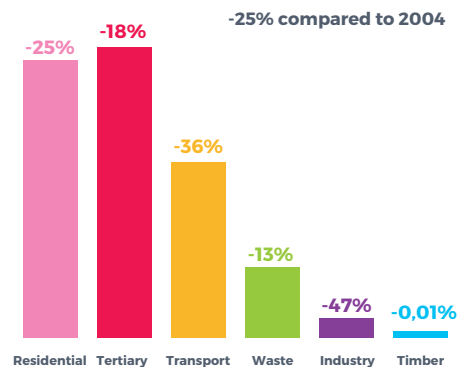
The carbon footprint assesses all greenhouse gas emissions generated by the City of Paris, ¾ of these emissions come from outside the city (air and road transport, supplies).

Energy performance

9% drop
in energy
consumption

With a
**43%
reduction**
in heating oil
consumption
over 15 years

Local emissions



**The 2020 goals are being met.
The first milestone to a carbon-neutral city
by 2050 has been reached.**

Ecological transition & green investment

The [Paris Fonds Vert](#) makes its first investments

Based on an idea by the City of Paris, this territorial investment fund was created to support innovative businesses that contribute to the energy and ecological transition process. In 2019, the fund made 4 investments:

- in March, €10 M was jointly invested with Suez Ventures and Construction Venture, to develop the Greater Paris-based company, Hesus, which specialises in managing and using building site rubble
- in June, an allocation of €10 M was allocated to IES, the global leader in rapid recharging solutions for electric vehicles
- in September, a €5 M contribution was made to the Altera Group, which specialises in applied engineering for energy efficiency solutions. €8 M has also been invested in Optimum Automotive, a specialist in optimising vehicle fleets.

€ **€150 M**
raised by
the [Paris Fonds Vert](#)

THE CITY IS ASSESSING CARBON LOCAL OFFSETTING OPPORTUNITIES

As part of the [Climate, Air and Energy Action Plan](#), Paris has begun to study voluntary carbon offsetting schemes to neutralise incompressible carbon emissions by 2050. In 2019, Paris and the Greater Paris Metropolitan Authority teamed up with ADEME to launch a preliminary study for a local offsetting operator to promote carbon capture projects and reduce emissions. The approach is based on the national low-carbon certification scheme launched in April.

Adapting to climate change

Paris is tackling heatwaves

In June and July, Paris experienced several periods of high temperatures. The red alert level of the Heatwave Plan was subsequently triggered in late July (the highest state of alert) resulting in:

→ Enhanced cooling arrangements: 37 prototype fountains were installed in the capital, in addition to the existing 1,200 fountains and 48 misters. Cooling rooms have been provided at some public amenities. 18 additional green spaces were opened overnight. These measures are additional to the city's cool pathways which connect more than 900 cool areas.

→ Supporting vulnerable groups. Nearly 8,000 Parisians registered on the CHALEX (extreme heat) system were monitored. The City also stepped up its action for the homeless, doing rounds to check on them, handing out free drinking flasks, extending reception centre opening hours during the day or access to washing facilities.

Back to school 2019: More than 30 Oasis school playgrounds now provide cool areas

As part of the City's Resilience Strategy, the Oasis project seeks to adapt all primary school and secondary school recreation areas, i.e. 70 ha, into cool areas. In concrete terms, Oasis schools have more planted areas. Tarmacked surfaces are replaced with, paler, permeable, natural materials, with added drinking-water points and shaded areas. After the first 3 Oasis school playgrounds opened in 2018, 28 more schools were transformed during summer 2019. At the same time, the education authorities, school pupils, associations and local residents gave consideration to ensuring Oasis playgrounds were eventually accessible to Parisians outside school times.



The Oasis playground at Daumesnil nursery school (12th)

THE *EXTREMA* DIGITAL APP FEATURES
2 INTERACTIVE MAPS OF COOL PLACES
AND A "COOL" ROUTE PLANNER

The *Extrema* mobile app was updated in 2019 so that Parisians can pinpoint cool places in the capital. It offers 2 interactive maps, one for the day (922 accessible cool places) and one for the night (218). The app also gives users real-time information on cool pathways featuring 3 different routes: shortest, coolest (shaded route) and one that links together the most cool places.

PARIS TRIALS COOLING SYSTEMS IN PUBLIC SPACES

For the 2nd year running, Paris is testing cool areas, innovative and self-sufficient street amenities fed by the City's cooling systems. 4 "cooling stations" have been set up, together with a cooling vent called *AéroSeine*, an award-winning solution from the *FAIRE 2018* call for projects, under test in *Rue Blanchard* (20th). This City cooling system is fed by Paris' non-potable water network. The water seeps into the porous surface and forms crystals to increase the area of contact between water and air to subsequently cool the surrounding air.



Analyses undertaken on the initial readings show that the level of heat stress felt by pedestrians at the cooling vent dropped after the system was installed, falling from a "high heat stress" level prior to the building work to a "moderate heat stress" level afterwards



922
cool areas



94%
of Parisians live less
than 7 minutes' walk
from a cool area



31
Oasis playgrounds



1
open water
swimming facility



13
green spaces open
24 hours a day during
summer, in addition
to **136** green spaces
open 24 hours
all year round



5
extra green spaces are
open at night during
heatwaves (activated
plan)



10
parks and gardens
are now open at
7 am during the
week, making them
accessible 1 hour
earlier



33
misters in parks and
gardens



29
additional
drinking fountains
(1,111 drinking water
points throughout
the Paris area and
250 ornamental
fountains)

Energy

Development projects include guidelines from the new Cooling System Masterplan

The City's cooling system offers advantages for standalone air conditioning solutions (in terms of gains in greenhouse gas emissions, overall performance and noise control). The Cooling System Masterplan was adopted by the City Council in 2019 and identifies the system's development potential. In particular, the *Maine-Montparnasse* development (6th, 14th and 15th) and the *Bercy-Charenton* joint development zone (12th) are going to include a major part of the extended system by 2030.

PARIS ADOPTS CLEANER PUBLIC INFORMATION STREET FURNITURE

The City of Paris has awarded Clear Channel a contract for new public information street furniture for the next 5 years that sets targets for better energy performance. As such, all materials used will be 100% recyclable or re-usable. The electricity consumption of public information facilities will be reduced by 70% compared to the previous contract, by using LED technology and control systems for lighting time slots.

9 SOLAR POWER PLANTS WILL BE INSTALLED ON THE CITY'S ROOFTOPS

The City of Paris signed a contract in April with Enercit'IF to install solar power plants for the City's residents by fitting them to the roofs of 9 primary and secondary schools and activity centres in Paris. This roof space will accommodate 3,000 m² of solar panels, eventually covering the annual needs of 170 homes in Paris. The first power plants were installed in the autumn.

THE CITY IS TRYING OUT ELECTRIC CHARGING STATIONS FITTED TO STREET LIGHTS

While street lighting on part of the *Boulevard des Invalides* (7th) was being refurbished, the City tested a new type of charging stations for electric vehicles directly fitted to street lights: 9 charging stations were installed. These come in addition to the 1,000 reactivated charging points at ex-Autolib stations, 270 Belib stations and 300 charging points in public underground car parks.



Solar panels have been fitted to the roof of George Brassens secondary school (19th)



The public lighting modernisation programme continues



44,000 street lights have been replaced since 2011, including **34,000** with LED bulbs (5,000 lights replaced in 2019)



98 GWh was consumed in 2019, **36%** less compared to 2004



57 GWh saved compared 2011 for a contractual target of **42 GWh**



38% reduction in light pollution since 2004



27% drop in greenhouse gas emissions from public lighting, compared to 2012

Urban planning and sustainable, innovative buildings

Reinventing Paris II: 22 projects selected to make use of Paris' basements

As with the 1st edition of *Reinventing Paris*, urban innovation was the focus of the call for projects, with 9 challenges, including "innovation for urban resilience and energy efficiency". Considerations also focused on making use of basement characteristics, especially their natural capital, i.e., their material, water and geothermal properties. Among the 85 finalists from the call for projects, the City of Paris and its partners, acting as the jury, picked the winning city sites, most of which were in basement locations. The decisions were announced on 15 January for the first 20 sites, 16 May for the George Eastman Institute (13th) and 11 July for Gobelins station (13th). Most of the successful projects are cultural, events-related or production-based, similar to the subaquatic wine-cellar project at the Passy reservoirs (16th), ranging from a wine cellar to a scuba diving pool. Sport also features highly in this 2nd call, as can be seen by the *Cité Universelle* dedicated to disabled athletics (19th) or *Station 24* in the Henri IV tunnel (4th), a kind of 'service station' for non-motorised transport. Making use of these land assets for local city-based uses also helps meet climate, air and energy plan goals.



The aim of the *Blocpark Station* project is to install a climbing wall under the Metro line 6 viaduct (13th)

Building permit applications are assessed in relation to environmental criteria contained in the Urban Local Plan

Each year, the City reviews building permit applications from professional applicants or private individuals. Projects on existing buildings or undeveloped plots must comply with several environmental criteria featured in the Urban Local Plan, such as building energy efficiency, undeveloped land and flower beds, planting and urban agriculture, rainwater management, etc. The Urban Local Plan environmental guide was updated in 2019 to help applicants understand the criteria, based on the green and farmed rooftop guide and the catalogue of regional flora.

PARIS ANNOUNCES THE WINNING PROJECT TO REGENERATE THE MAINE-MONTPARNASSE NEIGHBOURHOOD (6th, 14th AND 15th)

Following a major consultation on urban planning, launched by the City in late 2018, the British architectural practice, Rogers Stirk Harbour + Partners, was appointed in summer 2019. Its proposal is for a greener more open-air neighbourhood: 10,000 m² of planted areas and 2,000 new trees, seamless pedestrian access between *Rue de Rennes* and *Montparnasse* railway station, while providing space for non-motorised and public transport. The plans also seek to create greater social diversity in the local area, with new urban functions and amenities for the general public. An extensive consultation process began in September to refine and co-construct the project with local residents, users and owners of all properties forming the *Maine-Montparnasse Tower*.



2 Paris-based development projects win the *Équerre d'Argent* prize (awarded by a panel of architects and property developers)

These include the Julia Bartet apartment block (14th). Owned by RIVP, the flats are *Habitat & Environnement* and BBC-Effinergie-certified (a low-energy and energy-efficiency certification scheme)

THE CITY IS DEVELOPING A LOW CARBON METHODOLOGY IN CONJUNCTION WITH BUILDING INDUSTRY REPRESENTATIVES

Low carbon accreditation provides an open certification scheme encouraging stakeholders from various economic sectors to submit their plans, which once approved by the Ministry for Ecological and Inclusive Transition, can be certified. The City of Paris is working on an assessment methodology for carbon offsetting initiatives in the building sector. Schemes being reviewed deal with changing energy carrier and the use of bio-sourced materials.

Involving the tertiary sector

9 new businesses signed the Paris Climate Action Charter in 2019

The Charter commits signatory companies to take practical actions to reduce the ecological footprint of their business activities, better conserve resources and promote eco-design. 3 signing partners (the *La Poste* Group, *Schneider Electric* and *Utopies*) have commitments corresponding to the highest level ("Platinum"). As such, they will each adopt a climate action plan with a range of quantified targets to cut greenhouse gases and limit their overall ecological footprints generated by their business activities.

 **70**
signatories
and
 **6**
Paris Climate Action
communities,
representing **520**
economic stakeholders

 **1,700**
commitments
made
by signing
partners to the
Paris Climate
Action Charter
(see selected
SDGs opposite)



Sporting stakeholders step up for the climate: The *Sport Community* in action

The *Sport and Climate Community* was launched in March to get those organising and practising sports to support sustainable development and link them to companies or individuals providing solutions in Paris. The community has two sub-communities, one for those organising major sports events and the other for sports clubs and associations in the city. In 2019, a series of workshops for clubs were organised at the Actors of Sustainable Paris Centre, in June, on active mobility and in September, on buying responsibly and managing waste. Each workshop helped identify good practice and ways to inform sports club members.

THE *RETAIL COMMUNITY: MAISONS DU MONDE* RECEIVES 1st PRIZE FOR ITS EFFORTS AT THE *R AWARDS*

The 10th *Retail Awards* ceremony was held in December to reward those retail companies taking meaningful action for sustainable development. The panel awarded 1st prize for efforts made by *Maisons du Monde*, which has also signed up to the Paris Climate Action Charter. In 2019, the company switched to a policy of cutting its greenhouse gas emissions by 2030 by halving its direct emissions.

THE *REAL ESTATE & URBAN PLANNING COMMUNITY* PROVIDES TOOLS

The *Real estate & Urban Planning Community* brings together building industry stakeholders for thematic conferences and collaborative workshops. In 2019, the community continued its work to adapt buildings to climate change, with the *Bat-adapt* Project, run by the Sustainable Property Observatory. The aim is to produce a mapping tool of physical climate risks for buildings. Towards the end of the year, the community also published a guide for bio-sourced materials.

THE CITY COUNCIL AND THE *ÉCOLE POLYTECHNIQUE* SIGN A PARTNERSHIP AGREEMENT FOR THE *CLIMATE, AIR AND ENERGY ACTION PLAN*

This partnership involves members of the School's Economics Department who will review policies and measures taken by the City to reach the Climate, Air and Energy Action Plan goals. This involves, for instance, the potential offered by digital technology, the challenges of the *Smart City* or innovations in risk anticipation. These efforts rely on a network of French and international researchers.

Towards energy-efficient housing accessible to all

An energy efficiency audit "cheque" for jointly-owned properties

Since April, the City now offers joint-owners of properties in the city a €5,000 grant to carry out an overall audit of their buildings, the first, essential, step in an energy efficiency improvement project. This initiative means the current state of the building can be assessed, both architecturally and energy-wise, prior to preparing a building works programme with various financial estimates. Joint-owners must first register on the *CoachCopro.paris* website to apply for the scheme, while the *Paris Climate Agency* can help them through the application process. 35 jointly-owned properties secured grants by late 2019.

Energy efficiency improvements to private housing (programme launched in 2008 by the 1st Climate Action Plan)



3,500

Parisians have benefited from free guidance provided by the *Paris Climate Agency* to cut their energy use



2,393

jointly-owned Parisian properties registered on *CoachCopro.paris*, i.e. 108,916 homes supported by the *Paris Climate Agency*



536

jointly-owned properties (32,859 homes) supported by *Let's Renovate Paris*



108

jointly-owned properties (7,266 homes) opted to make energy efficiency improvements



41%

saving in energy, amounting to 36.8 GWhPE/yr for 84 jointly-owned properties



41%

less emissions, amounting to 4,202 tCO₂/yr for 61 jointly-owned properties

Energy improvements for social housing



Thermal rehabilitation improvements were funded for **4,859** social homes in 2019 (amounting to €56,758,892)



Results after works:



56% average energy gains



51% cut in greenhouse gas emissions



This amounts, since 2008, to a total of:

55,741

social homes funded for sustainable renovation improvements



€400

average saving per home over 10 years (2009-2019)

New sustainable, social homes



781

future social homes, amounting to 24 house-building projects, benefited from a grant for an environmental accreditation and certificate scheme



75%

of them will be NF Habitat HQE-certified (high environmental quality) while 25% will be BEE+-certified (*Bâtiment Énergie Environnement*)



Exemplary administration

→ The City of Paris' first *data center*, at *Porte de la Chapelle* (18th), was opened on 28 May. It uses heat generated to by the City's heating system to supply neighbouring homes and the future urban agriculture greenhouses that will be added to the building roof in 2020.

→ 6 Paris swimming pools have signed energy performance contracts (Didot and Dunois – 13th, Drigny – 9th, La Plaine – 15th, Mathis and Rouvet – 19th), resulting in significant savings: - A 41% cut in greenhouse gas emissions, a 34% reduction in energy consumption and 30% cut in water use.

→ The Yvonne Godard swimming pool (20th) opened in late 2019. It harvests rainwater from its green roof and also produces photovoltaic power for its own use (1,700 m²). The pool is HQE-certified.



→ *Octopus* is the new IT management system for the City's energy contracts. It provides a simpler solution to gather and analyse energy consumption data as well as invoicing for electricity and heating.

→ Schools serve at least one vegetarian meal a week in their canteens to reduce the carbon footprint for food in catering facilities. Staff restaurants offer a daily vegetarian alternative dish. Vegetarian recipe workshops are being offered to cooks in solidarity and Emeraude restaurants, in partnership with suppliers.

Energy renovation improvements in public buildings in 2019



22
schools refurbished
(energy performance
contracts involving
60 schools)



22
power stations
modernised

Energy consumption in public buildings in 2019



558.5 GWh
(falling consumption
since 2004)

Proportion of renewable energy in public facilities



58%
renewable energy,

including



100%
green electricity (via
guarantee of origin
certificates)



9
arrondissement council
offices are powered by
biogas

→ The building housing the *Paris Liberation Museum*, the *Général Leclerc Museum* and the *Jean Moulin Museum* (14th) has been insulated and its windows refurbished to make it more energy-efficient. The goal is to cut energy consumption by 30% as an ongoing need.



Paris international

→ The independent organisation, *Carbon Disclosure Project*, gave top "A-grade" marks to Paris in its international rankings for the most ethical cities in terms of environmental conservation.

→ The Mayor of Paris was re-elected to represent the European cities at the *Global Covenant of Mayors for Climate and Energy* board and joined the Global Commission on Adaptation, chaired by Ban Ki Moon.

→ The *C40* network of Mayors (chaired by the Mayor of Paris) met in October at an international summit in Copenhagen and launched the new *Global Green New Deal* to address the climate emergency. They also welcomed the involvement of younger generations for the climate.

→ The City of Paris has again presented several sites for a highly ambitious international competition on climate challenges called *Reinventing cities*, which is run by the *C40* network.



The development project at the *Porte de Montreuil* (20th) led by Nexity, Engie and *Crédit Agricole Immobilier*, was among the award-winners in September



Paris, host of the 2024 Olympic and Paralympic Games

The 2024 Olympic and Paralympic Games mark a pivotal moment and the chance to accelerate changes in the city. In 2019, Paris presented its Legacy Programme, featuring 20 practical measures to ensure the Games have a lasting benefit for the people of Paris and its surrounding area.

4-9 February – The 3rd edition of *Olympic and Paralympic Week* showcases diversity in sport. Thousands of young children and teenagers from Paris' primary and secondary schools and leisure centres take part.



22 March – The *SOLIDEO* (the Olympic Games delivery authority) adopts a Universal Access Strategy. The 5-pronged Strategy seeks to provide continued and high quality use of Olympic facilities for all during the Games and afterwards too.

5 April – The City of Paris and *Plaine Commune*, a regional government agency, are selected from the 100% *inclusion* call for projects. The government award of €5 M will help 1,000 beneficiaries facing difficulties accessing employment to follow an employability scheme for training and recruitment in business sectors directly related to the Games.

17-21 June – A delegation of experts from Paris, visits Tokyo for the Olympic Memorandum, signed by the Governor of Tokyo and the Mayor of Paris to host the Games in their respective cities. The mission focused on exchanging good practice, especially on challenges about water suitable for swimming, rainwater management, cleanliness and household waste management.

22-23 June – In conjunction with the *Paris Sports Festival*, *Olympic Day* celebrates access to sport for all. The event, on 22 June, was held in 5 squares in less-affluent neighbourhoods. The following day, the *Place de la Concorde* (8th) was the setting for 75,000 m² of space for sports demonstrations and taster sessions.



21 October– Paris 2024 unveils its new emblem for the Olympic and Paralympic Games. It combines the gold medal, the Olympic flame and Marianne.



Olympic transformations, the Paris 2024 Legacy Programme

The development programme was announced in June and features 20 measures that seek to contribute to a new model for the Olympic Games, one that is frugal, mutually supportive, inclusive and attractive for the community and the area. The action plan was devised working closely with civil society representatives. It contains 5 key objectives and embodies the City of Paris' desire to make the Games legacy a priority for the benefit of all Parisians.

The programme development process in numbers



60
meetings



More than
10,000
participants



More than
1,200
ideas and plans gathered

A more sustainable Paris

→ The City wants to harness the momentum created by the Games to boost the transition to zero single-use plastics in Paris by 2024. As such, in 2019, it organised the annual "Ending single-use plastics in Paris by 2024" conference. This brought together all those working in this area (manufacturers, distributors, associations, local authorities, etc.) at 3 round table thematic discussions (events, caterers and the mass consumption sector) to identify an initial list of obstacles and solutions with a view to devising a single-use plastic exit action plan for 2020-2024.

→ One of the aims of Paris 2024 is to make the Seine suitable for swimming once the Games are over. In an effort to improve water quality, the Rouailler storage reservoir (93) was opened in October. This 26,000 m³ storage and filtration facility will tackle flooding and make water in the Ourcq Canal and the River Seine, cleaner and more suitable to swim in.

A more public-spirited Paris

→ As part of the Games Legacy strategy, playing sport as a lever for education, health and employability has been given a key role. As such, the City has teamed up with Paris 2024 and the French National Olympic and Sports Committee to launch a call for *Education through Sport* projects. With a budget of €110,000, this scheme is geared to Parisian sports associations providing educational initiatives and getting people actively involved again through sport for academically-challenged secondary school pupils, especially in less-affluent neighbourhoods.

A fairer Paris

Making the Games a driver for jobs

Together with [SOLIDEO](#) and the Olympic contracting authorities, the Paris 2024 Organising Committee launched a study to map jobs required to prepare for the Games. Based on findings published in March, 150,000 jobs will be needed in the construction, tourism sectors and to organise the event. This mapping exercise should also help stakeholders to organise themselves to make Paris 2024 an economically, and socially responsible Games. This means including micro and SMEs, those working in the social and solidarity economy and target groups most isolated from employment.

Among the activities in 2019

→ The solidarity web platform, ESS 2024, was launched in January by [Les Canaux](#) (19th) and the [Yunus Centre](#), with support from Paris 2024 and SOLIDEO. This is an operational information tool that gets those working in the social and solidarity economy (ESS) involved and supports them so that they can directly benefit from economic opportunities related to organising the Games.

→ In May, the City issued a call for projects entitled, *Paris Tous en Jeux*, with a €1 M budget, to train Parisians, mainly from less-affluent neighbourhoods, in building and public works trades, accommodation and catering, hospitality and cleanliness, transport logistics and security.

→ On 7 October, the 26 ESS-registered companies selected for the initial Olympic procurement contracts were presented.

HUA!, AN ACCELERATOR FOR DISABILITIES

In July, Paris & Co launched its innovative project accelerator, HUA! (for *Handic'Up Access*), with support from the City of Paris. The programme fosters accessibility at public amenities and services for the people of Paris, as well as support for entrepreneurs with disabilities. The 1st intake of 10 innovative ventures was announced in November.

A sportier Paris

→ The City wants young people to be the main beneficiaries of the 2024 Olympic Games. To achieve this, Paris has designed an educational, cultural and sporting programme for final year primary school pupils. Called *Les Jeux Sportifs Scolaires* (i.e. the *School Sports Games*), it holds sports meetings between pupils in Paris and Seine-Saint-Denis (93). A teaching pack will also be distributed at the start of each new school year about sport, the Paris 2024 Games and Olympic and Paralympic values.



A prettier Paris

The Arena multi-sports complex at *Porte de la Chapelle*, a symbol of regeneration for the local area

The City is going to build a new 8,000 seat area for the Olympic Games. This facility will be the gateway to the *Gare des Mines-Fillettes* district (18th) which straddles the ring-road, between *Porte de la Chapelle* and *Porte d'Aubervilliers* (both 18th). Building the Arena must play a part in transforming the district and upgrading all surrounding sports amenities.

The Eiffel Tower district, Paris' green lung

The OnE Project, submitted by the team from Gustafson Porter+Bowman was chosen following an international consultation exercise launched by the City in January 2018 to redevelop the Eiffel Tower site (7th arr.). By 2024, it will transform the vast 54 ha site, split between the *Place du Trocadero* (16th) and the Military Academy (7th) into a large promenade for non-motorised transport and nature. The City has run two extensive consultation events to involve Parisians and even tourists, which will further enhance the City's plans. Participation matched the interests at stake, with, for example, more than 700 responses for phase two.



Paris, Seine-Saint-Denis (93) and 4 of the Department's local authorities sign the JOP 2024 convention

The 2024 Olympic and Paralympic Games are a driver to forge closer ties between Paris and Seine-Saint-Denis (93). The cooperation agreement signed in 2016 with Plaine Commune, Est Ensemble, Grand Paris Grand Est and Paris Terres d'Envol, was renewed in 2019. It contains 20 actions for social inclusion, public health, living conditions, the ecological transition process, the circular economy, education policies for secondary school pupils, cultural and heritage activities, as well as sports.

THE ARENA MULTI-SPORTS COMPLEX AT PORTE DE LA CHAPELLE - A CIRCULAR ECONOMY INITIATIVE INCLUDED IN PREPARATORY WORK

Preparatory work to build the Arena led to the permanent closure of the Indy ten-pin bowling centre at *Porte de la Chapelle* (18th). Together with the Co-recyclage Association, the City of Paris organised the redistribution of almost 3.8 tonnes of equipment and materials to limit waste and encourage reuse. This included pins, bowling balls, sports bags, Hi Fi and speakers, benches, wooden flooring, decorative fittings, kitchen appliances, etc. 12 local organisations will benefit from this clearance, such as the *Recyclerie Sportive* that recycles sports equipment, the *Ressourcerie du Spectacle* which collects events materials, *Emmaüs Solidarité* or the *Maison des Associations* voluntary centre (18th).

Hosting major international, eco-responsible sporting events: Key figures for 2019



100

new parking spaces for bikes at the *Parc des Princes* (16th)



100 kg

of cardboard furniture collected for reuse, to be kept for future events or taken away by guests



172 kg

of food waste avoided, i.e. nearly 300 meals distributed



100%

of FIFA Fan Experience village refreshment stands fitted with returnable beakers



Sites 100%

accessible to persons with reduced mobility (PRM) and wheelchair users (WCU)



840 kg

of waste avoided by a partnership arrangement with an association to reuse communication equipment



700 hrs

worked by persons on employability schemes at the FIFA Fan Experience Village



500

reusable flasks distributed by *Eau de Paris* water company

7 June-7 July – Paris hosts the *FIFA 2019 Women's World Cup*. For this event, the City gave Parisians and visitors the chance to discover the capital through iconic locations connected to 77 great women who lived in Paris, such as Simone de Beauvoir, Françoise Sagan, Agnès Varda or Simone Veil, etc.



In addition to the La Villette basin (19th), the City also offers 3 other swimming venues, at the Elisabeth (14th, see photo), Léo Lagrange (12th) and Lumière (20th) sports centres

3 February – The City Council approves the creation of the *Cigarette butt-free streets* scheme. Setting up these streets is also accompanied by awareness-raising and prevention activities to stop people smoking.

5 June – The City hails the Police Headquarter's action to control tourist buses. Just 2 bus companies are allowed to run tourist transport lines in Paris. This ensures that tourism activities operate in the right conditions, without harming the city's environmental qualities or the peace for its residents.

8 June – 52 Parisian parks and gardens, i.e., 10% of the capital's green spaces become *Tobacco-free gardens*.

21 June – The Paris Administrative Court of Appeal confirms the legality of pedestrianising the right-hand bank of the Seine.

27 June – Following a period of persistent ozone air pollution in *Île-de-France*, the City introduces differentiated traffic rules in the capital.

1 July – *Crit'air 4* vehicles can no longer be driven in Paris from 8 am to 8 pm, Monday to Friday. Driving restrictions are introduced for *Crit'air 5* vehicles in the Paris and Greater Paris Metropolitan Authority. Both timetables will be merged from 2021.

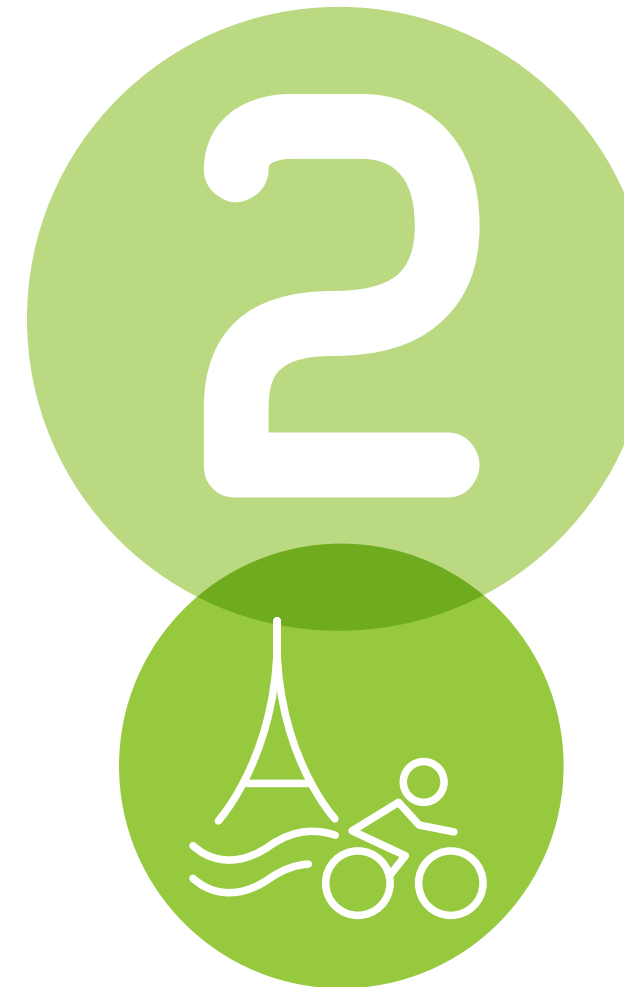
1 July – Paris provides 4 free 'pop-up' swimming venues. 150,000-180,000 visitors used these facilities during the summer.

1 September – The City makes public transport free for children and residents with disabilities under 20, while teenagers also benefit from significantly reduced ticket prices.

22 September – The 5th *Car-free Day* is organised throughout the city. Several Greater Paris suburbs (Bobigny, les Lilas, Aubervilliers, etc.) also take part in the event.

12 October – Paris switches the lights off at 250 iconic sites for the 11th *Day of the Night festival*, to raise awareness about light pollution. These include Paris City Hall (4th) and the *Arc de Triomphe* (8th, 16th and 17th arr.).

18 November – After being selected by ADEME following a call for interest, the City of Paris launches a study on river traffic emissions in real conditions, in partnership with the Greater Paris Metropolitan Authority (2019-2021).



Improving the environmental quality of Paris

2.1 million people live in Paris making it one of Europe's most densely populated cities. Each day, 2 million people travel into the city from the Greater Paris region, while 30 million tourists visit each year. The city's appeal causes problems such as air pollution, noise and environmental health issues. To improve the quality of life and health of its citizens, the City of Paris is controlling and reducing car-use, while encouraging clean, shared and quieter forms of transport. It is also providing residents with more space, as can be seen with the redevelopment of its 7 large city squares. The City is also trying out innovative solutions to combat noise, air pollution and controlling exposure to electromagnetic waves. Finally, it is pursuing its efforts for better rainwater management and is actively considering the future of the River Seine.

5 October – A 1.7 km section of the ring-road is closed from 7 pm to 7 am for the *Nuit Blanche* cultural festival, transforming it into an illuminated velodrome for the community.



New forms of mobility

Paris is pursuing its efforts to develop non-motorised, sustainable forms of transport

→ In the spring, the City drew up a good practice charter which was signed by all operators, concerning the use of *free-floating* scooters. In December, a call for tenders was published to select 3 operators to regulate the number of scooters, their conditions of use and the public space they take up.

→ The City continues to work on alternative forms of energy, with feasibility studies to set up NGV refuelling stations at 3 new sites. It is also awarding public works contracts to build 3 stations for HGVs providing bio NGV. Since January, there are now 1,300 public charging stations available in Paris for electric vehicles. In May, a consultation exercise was launched to develop this network.

→ The Paris city and inner suburbs bus network was significantly revised in late April, with changes to more than 2/3 of the network (50 routes, 4,000 bus stops): 42 routes were modified or supplemented, while 3 routes were withdrawn and incorporated into other remaining routes. 5 new routes (200 stops) were also created.

→ In the spring, the North-South and East-West axes of the Paris cycle expressway network joined up in the city centre, at the *Boulevard de Sébastopol* and *Rue de Rivoli* intersection (4th). From December 2018 to December 2019, those sites fitted with counters for this period recorded an 11% rise in users.

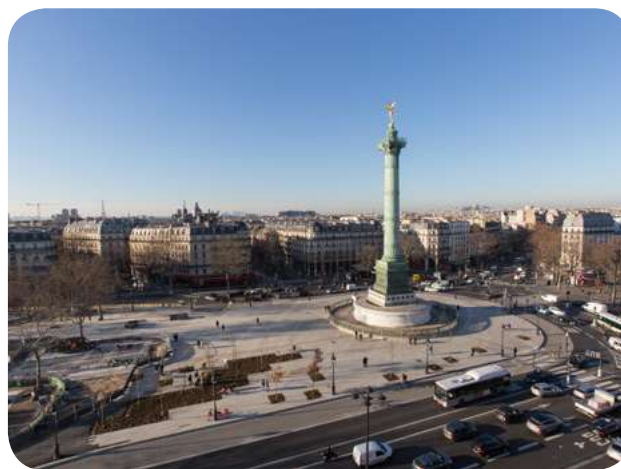


7 large city squares have been redeveloped

Work to redevelop 7 of the city's large squares began in summer 2018 and is now complete. *Place de la Nation* (11th and 12th) now has an extensive central area with improved non-motorised transport and pedestrian access. In total, it now has 6,000 m² of additional green space. *Place Gambetta* (20th) has expansive pedestrian areas from reducing the road space for a range of uses. The square is now more accessible to persons with disabilities and cyclists, with a closed-off, two-way cycle path.




A first bike counter terminal has been installed on *Rue de Rivoli* (1st and 4th) in September 2019 and some sixty sensors now gather data on bike use patterns




The centre of the *Place de la Bastille* (4th, 11th and 12th) is now accessible to pedestrians. It features an 11,000 m² planted strip with a range of street furniture and amenities for relaxing and refreshment

Mobility


 **An 8% drop** in motorised traffic levels in Paris compared to 2018 (on recorded road networks)

 **9,191** new car registrations (privately owned electric vehicles + electric utility vehicles + hybrid vehicles), 17.5% of which are plug-in hybrids, 49% self-charging hybrids and 33.5% electric vehicles


 **1** shared vehicle for every 35 Parisians (compared to 1 for 110 in 2011)

 **50 km** of quieter streets (30 km/h zones, pedestrian priority zones and pedestrianised areas), i.e. more than 40% of Paris' streets by late 2019

Bikes

 **121 km** of additional cycleways (a 13% increase compared to the existing network in 2018)

 **10,000** bike parking spaces have been introduced since 2014

 **25%** rise in the use of cycling amenities, compared to 2018

 **300,000** Velib subscriptions in December 2019

 **21%** average share of bike use by Velib self-service bikes

 **12,800** Velib' Métropole self-service city bikes being used for an average 65,500 daily journeys

Eco-mobility grants

 **€4 M** paid out to private individuals to buy e-bikes, cargo bikes and scooters

Air quality and environmental noise

Paris strives to combat chronic pollution on a daily basis and is tackling spikes in pollution.

Stage 3 of the *Low Emission Zone* was introduced in July (traffic restrictions extended to *Crit'air* 4 vehicles in Paris and for *Crit'air* 5 vehicles on the ring-road). When spikes in pollution occur, the City of Paris has been encouraging and supporting the Police Headquarters to bring in differentiated traffic zones that extend travel restrictions to *Crit'air* 3 vehicles.

A MAPPING SYSTEM HELPS PINPOINT AIR QUALITY IN THE CITY IN REAL TIME

In September, the City unveiled its interactive air quality map for the capital, available on its website, paris.fr. With this data from Airparif and that from the *Pollutrack* trial (mobile fleet of onboard sensors fitted to 300 electric vehicles), this mapping system monitors pollution in real time and make next-day forecasts for levels of various contaminants (PM2.5, PM10 particles), nitrogen oxides (NOx) and ozone.



4 SENSOR SYSTEMS WIN AWARDS AT THE 2019 MICROSENSORS CHALLENGE

The 2019 AIRLAB Microsensors Challenge, organised by Airparif, seeks to assess and compare various sensor systems to give users clear indications about product suitability based on their uses. 34 sensor systems were reviewed by a panel of international experts and assessed by Airparif teams for 4 months in the Paris area. 4 systems won awards, including 2 created by the French company, NanoSense.

THE COMBAT ALL POLLUTION INITIATIVE (AIR AND NOISE) HAS BEEN APPROVED

The *Combat all Pollution* initiative was one of the projects selected by the 2019 *Participatory Budget*. It builds on efforts to combat pollution by replicating the *Breathe Better* project trialled in the 20th arrondissement, in other arrondissements and by increasing awareness about the effects of noise pollution on health. It also experiments with new solutions in public spaces, such as low-noise road surfaces.

THE CITY IS FUNDING NEW PARTICLE MEASURING STATIONS

New vehicles tend to emit more ultra-fine particles (less than 0.1 µm) and ammonia (NH3) to adapt to Euro pollution emission standards. Yet, these particles are thought to be harmful to human health as they penetrate lung tissue and enter the blood stream. To develop ways of measuring these contaminants, the City is supporting an Airparif study by subsidising the purchase of sensors, amounting to €610,000.

THE CITY OF PARIS IS SUPPORTING BRUITPARIF TO INSTALL NOISE SENSORS

The City is providing a grant to Bruitparif, the regional noise pollution observatory, to install innovative "Medusa" noise sensors in 3 of the capital's more lively neighbourhoods (12th, 13th and 19th). The sensors continuously take noise level readings and pinpoint areas where the disturbance comes from, making it a useful noise management tool for businesses holding parties and events, as well as authorities working for public peace. The City is also funding the installation of road noise sensors in public spaces before and after building work, to assess changes in environmental noise.



52%

of the *Boulevard Périphérique* ring-road covered in low-noise surfacing, 8 new sections in 2019 (i.e. 2.7 km)

Health

Paris launches a lead pollution action plan

The fire at Notre-Dame Cathedral (4th) on 15 April 2019 rekindled serious concerns about lead-related effects on public health. Following the fire, the City of Paris presented an action plan to combat lead pollution, a metal that has been long been present in the city environment. As part of the ongoing Paris Environmental Health Plan, the action plan focuses on public spaces in the city (especially soil in green spaces, where almost 80% of land has already been tested) and on children.



THE NOTRE-DAME FIRE (4TH): SPECIAL ATTENTION GIVEN TO SITES USED BY CHILDREN

After the fire, the City took samples and readings of lead levels in council premises used by children within the perimeter defined by ARS (Regional health Agency) and further out, in arrondissements affected by the fire. The findings have been published online.

Lead levels in dust, floors or soil were virtually all within the thresholds set by the public health authorities. When these levels were breached, appropriate management measures were taken. These included deep cleaning, areas made off-limits to children and decontamination, etc. The City also sent out detection guidance to parents of children using contaminated premises.



THE CITY IS RUNNING A CAMPAIGN TO MEASURE ELECTROMAGNETIC WAVES IN PRIVATE HOMES IN THE 20th ARRONDISSEMENT

Together with social landlords and the arrondissement council, the Municipal Electromagnetic Wave Observatory Steering Committee ran a comprehensive campaign to take readings in residential buildings in the 20th arrondissement mounted with, or near to, mobile telephone transmitters. More than 200 readings were requested by the French National Frequency Agency during the second half of 2019 and a study report currently being drafted.

SENSORS TO TAKE ELECTROMAGNETIC FIELD READINGS HAVE BEEN INSTALLED IN THE 14th ARRONDISSEMENT

EXEM, a company specialising in control readings on the intensity of electromagnetic fields, offered, at its own expense, to trial lightweight, low-visual impact, standalone sensors in public areas to supplement information for the public on electromagnetic wave exposure levels. Some thirty sensors were subsequently fitted to street lights in the 14th arrondissement during the second half of 2019. A summary of findings from the study will be presented at the next Municipal Electromagnetic Wave Observatory meeting in late 2020.



5 V/m

is the exposure limit value for Parisians to electromagnetic waves from mobile telephones, as stated by the Mobile Telephone Charter

PLASTIC TABLEWARE AND KITCHEN UTENSILS ARE BEING REPLACED WITH STAINLESS STEEL AND GLASS EQUIVALENTS

The City has begun a sourcing initiative to introduce its gradual renewal strategy, to identify alternatives to existing products (cooking pots, pans, spatulas and baby feeding bottles, etc.). A budget impact assessment involving suppliers for 100 products, mostly made of stainless steel and glass has resulted in a 4% rise. 95% of the market offer for cooking utensils are plastic-free.

Water

THE CITY PUBLISHES A WHITE PAPER ON THE RIVER SEINE SITE

In 2019, the Paris-based urbanism agency, *l'Atelier parisien d'urbanisme*, organised 6 "Seine" workshops for all river and river corridor stakeholders. The White Paper has been drafted from reviews and was presented to Paris City Council on 11 December. It offers a shared vision of the Seine site as a 'common good', while seeking to provide guidelines for future changes, in terms of landscaping and changing patterns of use, to meet environmental challenges.

PLANT-COVERED GULLIES AND DITCHES ABSORB RAINWATER FROM THE ROADS ON THE ESPLANADE SAINT LOUIS

Up to 2013, the *Esplanade Saint Louis* (12th), in front of the *Château de Vincennes*, was a car park. In 2019, the paved square was redeveloped. Permeable surfaces rose from 12,000 to 31,360 m², including 17,000 m² of new planted areas. Rainwater from paved areas (roads, cycle paths and walkways) soaks away in small ditches dug alongside the roads.

PARIS' MUSEUMS RETHINK THEIR RAINWATER MANAGEMENT MEASURES

In the 14th arrondissement, the roofs of the *Paris Liberation Museum*, the *Général Leclerc Museum* and the *Jean Moulin Museum*, have been planted to better control rainwater.



After a year of building work, the *Maison de Balzac* (16th) reopened to the public in July 2019. The garden has been completely redeveloped and now features a pond that collects water from the roof of the new building.



SAINT-VINCENT-DE PAUL JOINT DEVELOPMENT ZONE (14th): ZERO DRAINPIPE RAINWATER MANAGEMENT IN A DENSELY POPULATED AREA

The plan to redevelop the ex-hospital in *Saint-Vincent-de-Paul* (14th arr.) includes exemplary rainwater management techniques in addition to Paris Rain Plan requirements. The target set is to eliminate rainwater reaching the City's sewer network, which means a drainpipe-free system based on soakaways and evapo-transpiration (by restoring permeable surfaces or creating ditches and gullies and green roofs). Other systems and facilities will be used, such as recycling rainwater to flush toilets and jointly managing the effects of heavy rainfall events between public spaces and private plots.

REDEVELOPMENT PLANS FOR THE EX-BROUSSAIS HOSPITAL BUILDING (14th ARR.) INCLUDE AN ALTERNATIVE RAINWATER MANAGEMENT SYSTEM

Soakaway ditches have been added to public space on each side of the care home (EHPAD in French). The planted walkway on a concrete slab floor allows rainwater to drain away through a porous pavement and 3 soakaways. Plant species have been chosen to reduce water needs as much as possible and to contribute to biodiversity (trees, flowering shrubs and fruit bushes).



184,200 m³
of water produced each day



91.3%
The rate of return from the drinking water system, i.e. the ratio between the volume of water consumed and the volume introduced into the water supply system



€1.00063
for a cubic metre of drinking water (excl. tax and subscription charges), as of 1 January 2019



5,111 ha
of land farmed organically in *Eau de Paris* water company catchment areas



29
additional drinking fountains



17
sparkling water fountains commissioned (11 for the *Participatory Budget*) including 4 new fountains in 2019



Exemplary administration

→ Following the Notre-Dame fire (4th), 145 agents working in zones potentially exposed to lead, are being monitored through a system of appropriate blood tests.

→ 572 agents benefited from a kilometre bike allowance in 2019 (max.€200/yr per employee).

→ On 31 December 2019, the phasing out of diesel vehicles in the City Council had reached 86.2% out of 2,680 vehicles.

→ The City Council's fleet of light vehicles has been reduced by 12.6% since 2015, amounting to 221 less vehicles.

→ Of the 1,465 light vehicles (saloons, city cars and small utility vehicles) none have diesel engines. 29% of vehicles have clean-burn engines (electric, bio NGV, hydrogen, etc.), while 71% run on petrol. The target to reach is 90% of light vehicles with clean-burn engines.

→ In 2021, 547 non-motorised forms of transport (335 bikes, 187 e-bikes and 25 scooters) will be available to agents for their work-related journeys.

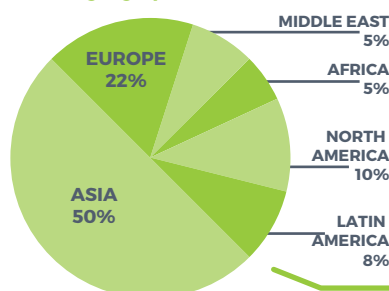
→ The City is completing the renewal of its city pavement cleaning machines: 269 machines have been purchased since 2014, 200 skip trucks have been replaced (out of a fleet of 250), while the City has also acquired small electric-powered units for everyday tasks.

→ The plan to optimise water consumption using smart watering sensors in public flower beds has reached the operational stage in summer 2019 (68 sensors optimising water use at 440 plant watering points).

→ The conversion of parks and gardens watering systems to non-potable water networks continued in 2019 (lawns of Avenue Foch - 16th and the Champ de Mars 7th).



Distribution by geographical area 2019



Paris international

→ In June 2019, the City of Paris teamed up with *Bloomberg Philanthropies* and Airparif to begin a trial to measure air quality in the capital's schools and creches for a 12-month period. The aim is to test new measuring tools, particularly by using innovative technology to detect contaminants. Since September, 150 micro sensors from various atmospheric contaminants have been installed in 44 schools at a range of sites in the city.

→ The 30 member cities of the C40 network, including Paris, met in Copenhagen to adopt the *Clean Air Cities Declaration* that recognises the right to breathe clean air. The declaration commits signing partners to set and implement ambitious targets to reduce air pollution. These involve complying with guidelines set by WHO for 2030.

→ Paris secured the *UCI Bike City label* at the international conference of the World Cycling Centre, recognising its commitment to cycling in the city on a daily basis.

→ In July, Paris and Erbil, capital of the autonomous region of Iraqi Kurdistan, signed a friendship and cooperation agreement. Both local authorities want to work together on key subjects, such as mobility, regeneration, heritage and culture, urban agriculture, waste processing and economic development.

→ Paris hosted 106 foreign delegations, mostly from Asia, in 2019, to take inspiration from Parisian expertise. This mainly applied to subjects such as the environment, town planning, mobility and public spaces.

Environmental assessments in the City

An environmental assessment is a statutory procedure to consider the environment when developing a projects or a planning document. One of its main components is to carry out an environmental impact assessment to identify any notable direct or indirect effects a development, construction or infrastructure project may have on the environment or health. Reports for projects subject to environmental impact assessments are sent to Paris City Council which then decides on the findings and delivers its opinion.

February – Paris City Council approves the *Ateliers Vaugirard* impact assessment (15th)

February – Paris City Council approves the development plans and environmental impact assessment for the *Bédier-Oudiné* district (13th), as well as the impact assessment and building permit to construct the *Tour Montparnasse* development (6th, 14th, 15th)

April – Paris City Council approves development plans and environmental impact assessments for the *Gare des Mines - Fillettes* joint development zone (18th), Python-Duvernois (20th) and *Porte de Montreuil* (20th) districts

June – Paris City Council approves the impact assessment and building permit application to redevelop the Hébert district (18th)

July – Paris City Council approves the impact assessment and building permit to redevelop Austerlitz railway station and the A7A8 in the *Paris Rive Gauche* joint development zone (13th), together with that for the *Nouveau Lariboisière* building (10th)

November – Paris City Council approves the impact assessment and grants permission to build the Condorcet Campus project (18th)

December – Paris City Council approves an impact assessment and grants permission for plans to develop *Porte Maillot* (16th, 17th)

A health impact assessment (HIA) in the Gare des Mines-Fillettes joint development zone (18th)

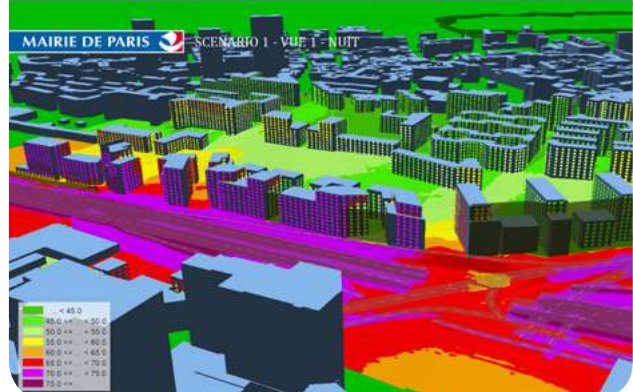
At the request of the City Council, the Paris Environmental Health Department carried out an HIA for the urban regeneration project in the *Gares des Mines-Fillettes* district (18th). The purpose of the HIA is to provide regeneration project managers and local Councillors with practical recommendations to improve public health awareness in the local area. The health assessment highlighted the specific needs of vulnerable sections of the community, such as expanded healthcare provision, limitations to environmental exposure or improved provision for healthy dietary options and physical activity. In concrete terms, initiatives have been planned for the Charles Hermite School, including training for "nutrition, environment and vulnerability" module facilitators and building the "healthy diet and physical activity" factor into leisure centres by providing bicycle-related activities and cookery workshops.

IMPACT ASSESSMENTS ON AIR QUALITY OR NOISE FROM DEVELOPMENT PROJECTS

These assessments are based on conservative assumptions in car traffic and car ownership patterns that require looking ahead to the building delivery deadlines (2024 or 2030). For example, despite a 2% average annual drop in car traffic in Paris since 2001, a reduction in car ownership levels in Parisian households and a rise in public transport use, the City bases its modelling exercises on stabilising traffic levels to adopt a cautious approach.

THE PYTHON-DUVERNOIS DEVELOPMENT PROJECT (20th) SEEKS TO IMPROVE LIVING CONDITIONS CLOSE TO THE RING-ROAD

Iterative studies on urban programming and the health impact assessment, in particular with air quality and noise modelling, has informed urban design that protects residents but does not compromise planning aims to improve access and the urban environment in the neighbourhood. The advantages of mainstreaming this approach are currently being reviewed and health impact assessments have already begun on numerous other development projects.





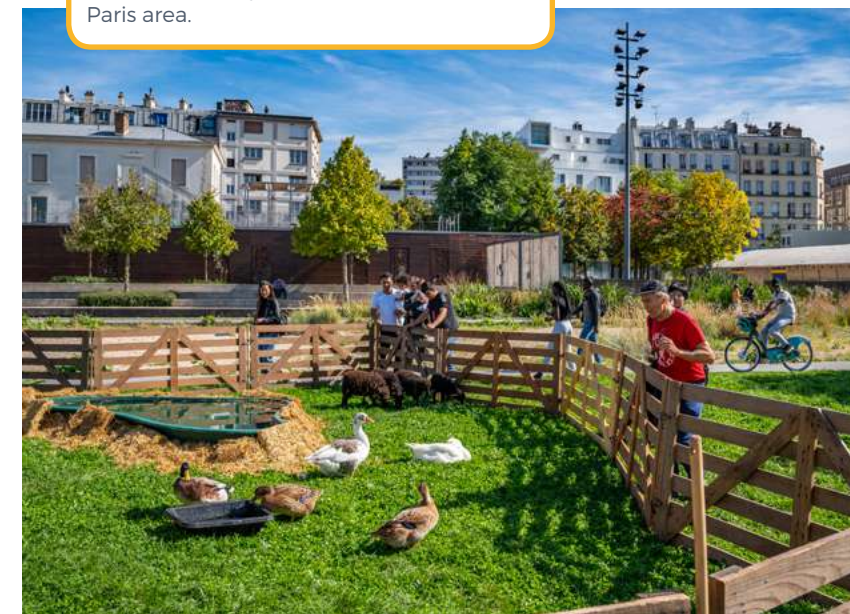
- The *Parc Floral* (12th) is 50 years old. One event was organised each month throughout 2019 to mark this anniversary. The *Parc Floral* (31 ha) attracts more than one million visitors a year.
- 28 January** — The City launches the *Parisculteurs* season 3 call for projects. 32 new Council and privately-owned sites have been earmarked for urban agriculture initiatives.
- 24 March** — The *Spring festival* organised at the Rives de Seine Park (1st and 4th) proposes a wide range of events, from plant sales, gardening workshops and a mobile farm visit, etc.
- 26 March** — The City launches the 2nd edition of *Make Paris a Haven of Biodiversity*. 130 events over 3 months are held throughout the city to inform residents about the abundance and need to protect biodiversity in Paris.
- 19 May** — 16 of the city's cemeteries take part in the *Cemeteries in Spring* event with a free events programme celebrating heritage, biodiversity and walks.
- 25-26 May** — *École du Breuil* horticultural college (12th) holds an event to share its floral expertise and attracts more than 6,300 visitors.
- 5 June** — The *Everyone Sows* initiative, jointly organised with the City at *Parc de La Villette* (19th) for *World Environment Day* offers families recreational workshops on planting and organic gardening.
- 7-9 June** — *Meet at the Gardens* offers a wide range of events and activities in the City's museum gardens.
- 15 June** — *The Honey and Bees festival* is held at Bercy (12th). 11 apiaries take part.
- 31 August** — Parisians are invited to a range of events for the *Petite Ceinture festival* (ex-inner suburbs railway line), with sports activities, walks and activity workshops.
- 6 October** — The 5th edition of the *Vineyard and Grape festival* invites Parisians to discover the capital's winemaking heritage, with events and guided visits.
- 14 November** — The City launches the 3rd *Urban Agriculture Awards*. The event rewards small and large-scale farming initiatives in the capital run by associations, businesses, start-up companies, community gardens, neighbourhood councils and community groups, etc.

Promoting biodiversity in Paris: green and blue corridors



More than 2,000 wild flora, fauna and fungal species have been recorded in the capital. The City has more than 500 parks and gardens, 500,000 trees, a large river, canals and their respective banks. This pool of biodiversity constitutes the Parisian green and blue corridors, that the City is adding to through new green spaces reclaimed from paved and tarmacked area, or planted up. The scheme also promotes urban agriculture and organic gardening. For all its projects or those delivered by developers, the City makes sure regional species are included in planting schemes and garden designs that allow for ecological management measures. It also promotes fauna-friendly amenities (especially nest boxes) and gathers nature-based data to better understand biodiversity. The City is also redefining the status of animals in the capital. It organises numerous events and activities to raise community awareness about conserving local wild flora and fauna, as well as their habitats. This in turn means better quality of life and well-being in densely populated urban areas. The City strives to set an example in the way its departments and services operate. The way it runs its cemeteries, for example, illustrates its work to make the city greener.

14-15 September — The 23rd *Gardens and Urban Agriculture Festival* offers more than 400 free events for children and adults in the city centre and the Greater Paris area.



Biodiversity

PARIS LAUNCHES A ZERO-PESTICIDE PUBLIC CAMPAIGN

This information campaign is designed to encourage Parisians to garden more naturally, without pesticides (insecticides, herbicides, such as glyphosate, etc.). Various tools have been added to the *paris.fr* website and *vegetalisons.paris* collaborative platform, such as a teaching kit, video tutorials and exchanges of good practice. There are continual learning opportunities through workshops, conferences or events for the general public, such as *Make Paris a Haven of biodiversity* or the *Gardens and Urban Agriculture festival*.

A FLOATING GREEN RAFT AND BIODIVERSITY SANCTUARY ON THE CANAL SAINT MARTIN (10th AND 11th)

Funded by the 2017 *Participatory Budget* and a previous *Women4Climate* award winner, this 40 m² green raft combines a floating platform packed with 620 plant species from *Île-de-France* region. It also has submerged steel cages that provide anchor points, shelter, food reserves and spawning grounds for fish. It promotes biodiversity by providing an alternative habitat and interface between aquatic and terrestrial environments. The raft supplements various other planting schemes introduced in the city.



THE NEW AUTEUIL GREENHOUSES (16th) ARE HOME TO MORE THAN 600 PLANT SPECIES

The new greenhouse complex at Auteuil (16th) assembles 600 exotic plant species around a semi-buried tennis court forming a hybrid habitat for biodiversity from warm climates, a footpath and sports activities. Four biotopes from four continents (South America, Africa, South East Asia and Australia) have been recreated through the hard work of agents. This new space supplements the City-owned 70 ha botanic garden, split into 4 sites.



GREEN ROOFS FOR THE A7A8 BUILDING IN THE AUSTERLITZ NEIGHBOURHOOD (13th)

A building permit application for this property development was submitted in May. The 4,500 m² of green roofs over office space has 5 main uses. It provides an agricultural roof terrace for events, nursery plants, community vegetable gardens, free picking opportunities (edible plants in raised beds) and a conducive environment for biodiversity beneath photovoltaic panels. Housing and student accommodation account for roughly 700 m² or green roof space.

THE CITY ORGANISES THE 1ST NATURE NIGHT FOR WORLD BIODIVERSITY DAY

On 22 May, as night fell, 120 people took part in walks to discover and observe biodiversity in Paris at 14 different sites around the city: *Petite Ceinture* suburban railway line (13th), *Villemin Gardens* (10th), *Parc de Bercy* (12th), *Tuileries Gardens* (1st), *Jardins Passagers* (i.e. passenger gardens) at the *Parc de la Villette* (19th), etc. A show of images on urban biodiversity was also organised at the 9th arrondissement borough hall.

Biodiversity, a cornerstone of the Broussais site and development project (14th)

Plans to redevelop the ex-Broussais hospital building (14th) are paving the way for a new neighbourhood better connected to the city, with a stand-out feature of a planted walkway for pedestrians and non-motorised forms of transport. This 1 ha 'green belt' built above the tunnelled section of the disused *Petite Ceinture* suburban railway line has been designed as a future reservoir for biodiversity, with numerous local plant species planted in 3 layers (grasses, shrubs and trees) to promote flora and fauna (birds, butterflies and insects).



The play park at the ex-Broussais hospital (14th) acts as a reminder that below ground, next to the ex-*Petite Ceinture* suburban railway, is Western Europe's largest urban colony of Common Pipistrelle bats. Building work was especially careful not to disturb the bats

POPPIES FOR PARIS

The City has joined forces with the national "We Want Poppies" movement, to inform Parisians about the dangers of using pesticides, by sowing thousands of poppy seeds at various sites in Paris.



THE BANKS OF THE SEINE MAKE PARIS A HAVEN OF BIODIVERSITY

On 25 May, a free distribution of ladybird and lacewing larvae, both natural predators of aphids, was held at the *Parc Rives de Seine* (1st and 4th) for the *Make Paris a Haven of Biodiversity* event. There was also an information workshop about natural, pesticide-free gardening.



457

sites, Eco-Jardin-certified® for their ecological management measures since 2010 (i.e. 90% of the City's total parks and gardens)



26

supplementary initiatives to enhance biodiversity, run by community garden groups, jointly-owned properties, museums and businesses (development and maintenance guidance)



30

new ponds created since 2014



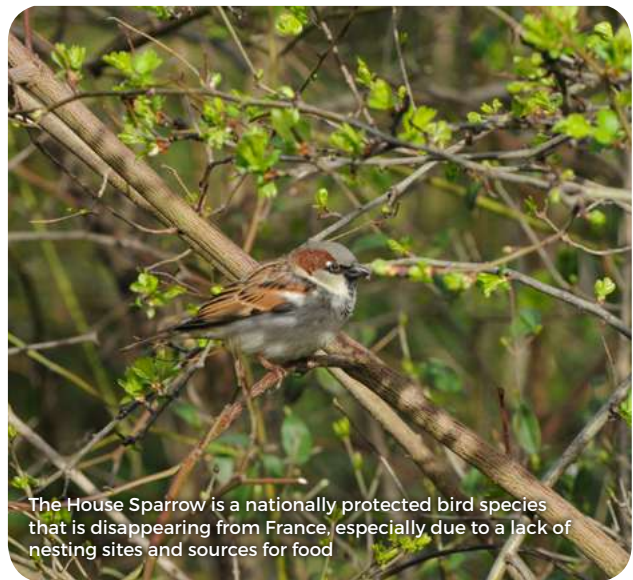
659

insect hotels distributed by *Maison Paris Nature*



948

sparrow nest boxes distributed by *Maison Paris Nature*



The House Sparrow is a nationally protected bird species that is disappearing from France, especially due to a lack of nesting sites and sources for food



More than 15,000

plant species and varieties to discover at Paris Botanical Gardens (*Parc de Bagatelle*, *Jardin des Serres d'Auteuil* greenhouses - 16th, *Parc floral* and Paris Arboretum - 12th)



Number of species recorded between 2010 and 2019

350

types of fungi and lichens



831

types of wild plants



1,618

animal species (including insects, aquatic animals, birds and mammals)

The "*Balades Paris durable*" (i.e. *Sustainable walks*)



25

walks available on the app *Balades Paris durable*



8,670

downloads in 2019 (56.86% more compared to 2018)

Animals in the city

9 winners for the 1st "Animals in the city" awards

Local people involved in developing the status and well-being of animals in the city were rewarded for their efforts at the 2019 *Animal Festival*. There were 3 categories: animal in homes for the elderly, care homes and emergency accommodation centres, awareness raising events for animals in the city and animals in public spaces. Award-winners included, for example, the *Handi'Chiens* Association, which trains assistance dogs for dependent elderly persons, the *Péan EHPAD* care home (13th) and its two rabbits that play a part in animal-based conflict resolution activities facilitated by an occupational therapist and finally, the OKA Committee which raises awareness about the social and therapeutic role of dogs in cities.



The 2nd *Animal Festival* was organised in *Parc de Bercy* (12th) to familiarise Parisians with the status of animals in the city

PARIS OFFERS AID TO CONVERT CIRCUSES USING WILD ANIMALS

As part of the "Animals in the city" Strategy, the Council has begun to dialogue with the 4 circuses offering performances with wild animals. The City hopes to end these within 3 years, in return for assistance to fund conversion measures.

THE CITY HAS LAUNCHED A CALL FOR TENDERS TO ERECT A MEMORIAL STONE AS A TRIBUTE TO ANIMALS KILLED DURING HUMAN CONFLICTS

A working group has been set up to draw up final specifications for the project, including specific mandatory measures such as mentioning the presence of people or including an educational statement. Several sites for the stone are being studied.

NEW CITY FARMS ARE SPRINGING UP IN THE CAPITAL

2 new educational farms welcome families in the 18th arrondissement. The farm in Alain Bashung Square has hens, sheep, rabbits and also offers workshops. The Binet Farm has an orchard and features various forms of city-friendly livestock farming, to show how animals can be part of cities and provide ecological services.

BOOSTING THE STATUS OF PETS IN THE CITY

In 2019, the City ran a social network and advertising board communication campaign during the holidays, to tackle the problem of abandoned animals. Reporting animal abuse has also been made easier by identifying qualified contact persons in the "animals in the city" guide and on paris.fr.



45,267
people visited the *Ferme de Paris* (i.e. City farm)



3,128
people visited mobile farms



203
educational activities at the *Ferme de Paris* (12th), the Kellermann Farm (13th) and the Lenglen Farm (15th), for a total of 3,759 visiting schoolchildren



49
workshops for the general public about livestock farming in the city, food issues, urban agriculture and permaculture at the *Ferme de Paris* (12th)



13
dog-friendly areas created



145
parks accessible to non-dangerous dogs, on leads

Greening up

Paris is running initiatives to reclaim paved areas and green up the capital

Removing paved surfaces has many advantages. It helps combat heat zone phenomena, controls rain water and seepage, while promoting nature in the city. In total, 5.5 ha of tarmac and paving has been removed from Paris' public spaces and woods since 2014. This figure should reach 14 ha in 2020 with ongoing projects. In September 2019, the City added the option of removing tarmac from pavements to its *Greening Permit* scheme, to further boost this initiative. Requests from local residents to remove tarmac and paving are addressed in 2 public works programmes, in spring and autumn.



Avenue des Minimes, in the Bois de Vincennes (12th), has been entirely redeveloped around a small river bordered by a planted cycle path and walkway

THE CITY LAUNCHES PHASE 2 OF THE TREES AND CLIMATE STUDY

The behaviour of 36 tree lines in 5 Parisian streets, comprising 9 different species, is being monitored by various measuring devices to observe physiological patterns throughout the growing season and to assess the temperature regulation properties that the trees can provide, especially during heatwaves. The precious data gathered can help better adapt and diversify tree planting in Paris in the context of climate change. The final results are expected in 2021.

FOREST MONTH: THE 15,000th TREE OF THIS TERM OF OFFICE HAS BEEN PLANTED NEAR TO THE LAWNS AT REUILLY (12th)

A city forest was planted by the community in the 12th arrondissement for the 1st Forest Month, started by Reforest'Action, with support from the City of Paris. The 15,000th tree of this term of office was planted during the festival, near to the lawns, at Reuilly (12th). The City is also teaming up with the French Forestry Commission for the *Tree Festival* on the City Hall esplanade (4th), with guided visits to discover the city's remarkable trees, and in its woodland.

LET'S GREEN UP PARIS EVENINGS HAVE BEEN ORGANISED IN SEVERAL ARRONDISSEMENTS

These evening events, held in February at the 10th arrondissement borough town hall, in March in the 17th arr. and in October in the 4th arr., invited local residents to discover planting initiatives in their arrondissements.

A NEW SEED BANK AT THE PARMENTIER LIBRARY (11th)

Based on a swap meet, the seed bank is a scheme enabling people to continually exchange flower, fruit and vegetable seeds outside the retail system. In total, 6 Parisian libraries now have seed banks, the latest being the Parmentier Library in March (11th).

Greening up



677

Green Licences approved in 2019 and **2,714** pending (as of 31 December 2019)



40,000

sachets of bulbs distributed in autumn, including **9,000** sachets handed out for the 4th *Bulbs from the ground upwards* campaign



some **400** green walls in Paris' public spaces by late 2019, including **54** installed between 2014 and 2019 through participatory planting schemes



10

Green streets developed since 2014, including **6** in 2019



116 ha

of green roofs and walls in Paris, including **47 ha** installed between 2014 and 2019

Tree planting



3,040

trees planted in 2019, i.e., **17,019** trees planted since 2014 (from a target of **20,000** additional trees by 2020)

Green spaces



516

gardens and green spaces in Paris, in late 2019



22.3 ha

of new gardens created since 2014 (**46** new green spaces opened to the public)



17.2 ha

of green spaces delivered as part of development projects, between 2014 and 2019, including **6.54 ha** in 2019



5.2 ha

of green spaces delivered in 2019



4.5 km

of the *Petite Ceinture* reopened since 2014 in 4 sections (12th, 14th, 17th and 18th) in 2019

Urban agriculture

Parisculteurs season 3: 20 award-winners for urban agriculture projects

After expanding the 3rd call for projects in 2019 to 8 neighbouring municipalities, 32 sites were shortlisted, including 20 open-ground plots. Of the 20 award-winners announced in summer, 12 are partner sites of the Parisculteurs initiative. For example, the *Cité des Science et l'Industrie* (i.e. Science and Industry centre), in the 19th arr., is going to transform its Sadi Carnot building roof to produce spirulina algae. In total, the projects selected for this new season will eventually produce almost 100 tonnes of fruits, vegetables and aromatic plants, 180,000 flowers and 271 tonnes of mushrooms.



More than 2,000 m² will be cultivated on a roof terrace at UNESCO head offices, at *Place de Fontenoy* (7th)

PARIS ANNOUNCES THE SUCCESSFUL CANDIDATES FOR THE LET'S CULTIVATE THE BARBÈS-CHAPELLE- STALINGRAD WALK CALL FOR PROJECTS (18th AND 19th)

This call for projects is to cultivate nearly 700 m² of land in a central section of the promenade at *Boulevard de la Chapelle* (18th and 19th), under the Line 2 metro viaduct. "Les Fermiers Généreux" (i.e. The generous farmers) was the chosen project. Proposed by the Vergers Urbains Association, in conjunction with Pépins Production, Boco Loco and Urbanescence, the project will create several areas, including a participatory fruit and vegetable garden, a mobile cookery workshop, spaces for DIY, leisure, recreation and exhibitions.

Hops season 2 – The City announces the winners

Paris is supporting the local micro brewery industry with its *Hops* initiative call for projects. In 2019, the award-winners were: Fauve Craft Beer brewery and the *Merci Raymond* gardeners, who developed a local circular and participatory economy beer at the Georges Rigal swimming pool (11th) and the *Cueillette Urbaine* which is planting 35 m hop walls created in the *Bois de Boulogne* (16th). The other award-winning projects from season 1 continue to grow, with new planting areas.



THE 48-HOUR URBAN AGRICULTURE CHALLENGE TO DISCOVER NEW PROJECTS

This urban gardening festival took place on 4-5 May and brings farming in the city to the people and promotes participatory planting schemes. More than 150 events were held across the city and Greater Paris area, such as planting workshops, plant exchanges, seed and bulb hand-outs, etc.

Data on urban agriculture

10 new partners sign the "Objective: 100 hectares" Charter, i.e. a total of 82 public and private partners



Parisculteurs Season 1

28 sites comprising 5 ha made available
16 sites set up covering 2.36 ha



Parisculteurs Season 2

28 sites comprising 7.8 ha made available
11 sites set up covering 1.3 ha



Parisculteurs Season 3

20 sites comprising 5.8 ha made available
8 sites set up covering 1.83 ha

In total, all 3 *Parisculteurs* season campaigns have resulted in: 76 sites made available, 35 sites set up by late 2019 including 7 new sites in 2019



Hops Season 1

5 sites set up covering 3,000 m²



Hops Season 2

5 sites set up covering 1,200 m²



184
vegetable gardens in crèches



229
vegetable gardens created in schools
funded by the "Let's cultivate in schools"
Participatory Budget programme (since 2015)



189
schools planted with orchards, with 1,511
fruit trees planted, in total (304 in 2019)



138
community gardens, including

8 community gardens providing
social support, from all the gardens (54
community gardens created since April
2014, including 7 new gardens in 2019)

19 educational gardens in Paris' green
spaces

3,728 participants at workshops and
conferences organised by the *Maison du
Jardinage* (12th), including 177 attendees
on lifelong learning programmes



Exemplary administration

→ The Jean Quarré site (19th) is well-placed to become the first *BiodiverCity*-certified municipal building, which is a tool to assess biodiversity in construction projects. Based on an inventory of flora and fauna at the site, various developments have been planned to provide shelter for house sparrows and reach a target of 100% of regional plant species.



40.14%
of cross-disciplinary contracts now feature a clause or criterion promoting biodiversity (35 % en 2018).



21
biodiversity training sessions helped train 198 agents on a range of subjects, such as beehives and wild pollinators, the biodiversity dimension to renew eco-jardin certification, the Asian Hornet and the Tiger Mosquito, etc.

Cemeteries

→ The first ecological funeral facility was opened at Ivry Cemetery (94).



Similar developments are currently being studied for the Paris cemeteries at Bagneux (92), Thiais (94) and Pantin (93).



200 linear metres
of box hedging replaced by similar treatment-free species at Thiais Cemetery (94)



400 linear metres
replanted hedges diversified with other plant species at Thiais (94) and Bagneux (92) cemeteries



7,360 m²
of de-paved and green lanes in Pantin (93) and Bagneux (92) cemeteries



5,650 m²
of green lanes in Pantin (93), Saint Ouen (93), Montmartre (18th) and Vaugirard (15th) cemeteries



2,350 m²
planted footpaths at Père Lachaise (20th)



Paris international

→ The City Council adopted a *memorandum of understanding* in April which it signed with the World Bank on its dedicated sustainable cities web platform (*Global Platform for Sustainable Cities - GPSC*). As a member of this network, the City took part in 2 biodiversity summits in 2019, in São Paulo (Brazil) and Ningbo (China).

→ In October, the City awarded a €25,000 grant to the *Forêt Vierge* association to help native Amazonian communities in the indigenous areas of Xingu preserve the ancestral lands from deforestation. The grant follows a meeting in May 2019 between the Mayor and Mekuktire Raoni, Chief of the Kayapos. During their meeting, they also discussed sending out a team of scientific specialists on a mission to the Amazon. This mission will take place as soon as safety measures in the Brazilian Amazon rain forest are in place.



The Metropolis of Greater Paris

40 measures to transform the Paris *Périphérique* ring-road

The *Périphérique* is often the symbol of a dividing line in Greater Paris and a source of problems (noise, pollution) for the 400,000 residents that live close by. This is why the City Council began a fact-finding and assessment mission on the future of the road. The Council released a report in May containing 40 measures. It proposes forming a shared governance arrangement for the Greater Paris area that took shape in July, with the organisation of "*Périphérique* workshops", involving neighbouring communities. Other proposals by 2024 focus on creating a dedicated lane for public transport and clean vehicles, a reduction to the 50 km/h speed limit, a ban on HGVs transiting Paris and developing new noise-reduction infrastructure. Overall consideration is currently being given to the growth of alternative forms of transport or logistical innovation. The aim, by 2030, is to be able to cross a greener and quieter *Périphérique* on foot.



THE FILM, TO EACH HIS/HER GREATER PARIS, ENCOURAGES PEOPLE TO DISCOVER THE GREATER PARIS AREA

The City has begun producing a web documentary so that everyone can adopt the plans for Greater Paris area. The 22 90-second episodes feature contributions from people about iconic locations in the area, such as (Rungis, La Défense, Station F, etc).

Bruneseau Seine was the successful applicant for the *Let's invent Bruneseau* call for innovative urban regeneration projects

This consultation exercise began in 2017 to develop the Bruneseau Nord district (13th), covering 95,000 m² on the edge of Ivry-sur-Seine. The winning project, *Bruneseau Seine*, was announced in March 2019 and proposes a new metropolitan centre with tall, slender buildings designed with the subsequent ability to provide direct access to the *Périphérique*, once it becomes a quieter city boulevard. The project also has an ecological aim: 2/3 of the structural components will be wood, while roof-mounted solar panels and expansive planted spaces (ground, terraces/patios, roofs). An air purification system is also central to the design.

3 AWARD-WINNING PROJECTS FOR TALENTS 2024 - SEASON 2

The 2nd *Talents 2024* call for projects attracted 74 applications from young people from the Paris and Greater Paris area, aged 16 to 25, keen to deliver an entrepreneurial or volunteering project that embodies the Olympic values. The 3 winning applicants shared a prize of €50,000 and benefit from one-to-one guidance for 6 months.

GREATER PARIS COUNCIL ADOPTS THE ENVIRONMENTAL NOISE PREVENTION PLAN

This plan sets 3 key goals: to better tackle noise, improved stakeholder coordination and greater sharing of information with citizens. It will be funded by the Greater Paris area to the tune of €100 M, as well as by the State, infrastructure operators and those creating noise.

The Greater Paris Metropolitan Authority announces 23 successful applicants for the international call for projects, *Let's invent the Metropolis of Greater Paris 2*

After an 18-month consultation exercise, the 23 successful projects for this 2nd call were announced in June. In total, these projects account for 475,000 m² of new developments, including 200,000 m² of housing (approx. 3,200 homes, 20% of which is social housing), 66,000 m² of office space and 63,000 m² of business premises. 2 projects are underway in Paris, including plans to create a manufacturing and transmission cluster on design and crafts on *Avenue de la Porte de Clignancourt* (18th).



EDA, the 2nd successful Parisian project plans to build a high-environmental quality building on the *Quai d'Issy les Moulineaux* (15th)

Culture & Sustainable Development

18 May – The *Birds Wouaho!* concert, held at the Paul Dukas conservatory (12th), in partnership with Tichodrome, the wildlife conservation centre for the Isère seeks to raise awareness about wild animals, especially birds

15 June – The banks of the Seine play host to Amsterdam, capital of the Netherlands, to celebrate the cultural ties that unite both cities and their mutual commitment to improving the quality of city life. The programme included bike demonstrations, artistic performances and kids workshops, etc.

21 June – *Place Stravinsky* (4th), the City unveils a mural by the American artist, Shepard Fairey. This artwork alludes to the fight to save our environment and the struggle for social justice. It features 2 women standing on books, holding hands, accompanied by the message: "*Knowledge + action = power*".



20-25 September – The *Empreintes Project* attracts 5,000 visitors to the Seine quays (7th). This participatory artistic event invited citizens to leave a print of their hand coloured in on a 20 m-long fresco, to reveal the 17 Sustainable Development Goals.



2 December to 10 January (2020) – The *Amazônia* exhibition by Tommaso Protti, winner of the 10th Carmignac prize for photo journalism, is unveiled on the railings of Paris City Hall (4th) to make passers-by think about deforestation in Brazil.

The City enhances its Charter for eco-responsible events with a section on ending single-use plastics and reducing noise levels

In 2016, the City adopted a charter to foster eco-design measures for events organised in Paris' public spaces. The charter was reviewed in November 2019 with the added aim of ending single-use plastics and reducing noise levels. The charter encourages the use of reusable (plastic-free) products and installations, while reducing, sorting and reusing waste (ban on single-use plastic items). The target to end single-use plastics is currently being added to temporary permits to occupy public spaces, issued by the City.



The *We Love Green Festival*, held each year in the *Bois de Vincennes* (12th) has signed the City's eco-responsible events Charter

NEW ENVIRONMENTAL REQUIREMENTS INTRODUCED FOR FILM SHOTS

The Cinema Committee has undertaken a task to inform film production companies about eco-responsible film shoots. Practical measures have been assembled into a list of environmental recommendations appended to film shoot permits. Films agree to ban the use of single-use plastics, keeping public spaces clean and reducing as far as possible waste from scenery and recycling these materials.



Paris
international

Paris has been part of the International Cities of Refuge Network since 2011 and each year hosts a writer or artist who cannot work in their country of origin. The Yemeni photo journalist, Amira Ahmed Yahya Al-Sharif is the City's 5th resident artist.



6 April – The 2nd *Citizen Participation Day* takes place at Paris City Hall (4th) to encourage Parisians to learn more about municipal initiatives for citizen participation. A *Civic Snacktime* is held for children.

25-28 May – The 4th *Paris of the future* festival celebrates all stakeholder involvement and changes in behavioural patterns as drivers for ecological transition in Paris.

16 August – The City adopts a charter with 19 public and private partners on the *Saint-Vincent-de-Paul* development site (14th), facilitated by *Les Grands Voisins*. The charter seeks to develop temporary occupation initiatives in the City of Paris.

5 October – 1 million people take part in the 18th *Nuit Blanche* (i.e. *Sleepless Night*), on the theme of movement (parades, rambling artists, running events through the City's cultural sites and a pop-up cycle path on the ring-road, etc.).

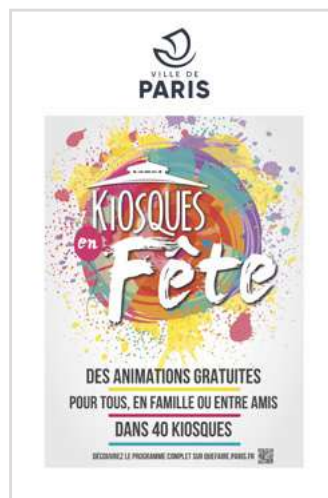
17 October – The 7th *Night of Debates* gives Parisians a voice in more than 80 events. The programme included discussions on citizenship, culture, feminism or sustainable development.

21 October – The City launches the 4th call for projects for *Festive Kiosques*, to run 43 pavilions and open air theatres in 2020, in the city's parks and gardens.

7-8 November – Paris hosts the 4th *National Participatory Budgets Meetings*. More than 150 attendees (Local Councillors, agents, project sponsors) from some forty municipalities took part in the event.

2 December – The Volunteering Week celebrates Paris' 700,000 volunteers and 70,000 associations.

4 December – The City organises the *"Paris I commit myself"* evening at the 10th arrondissement borough hall, for the 10th edition of *World Volunteering Day*, celebrating the work of Paris' associations and its people.



Contributing to the fulfilment of all through citizen participation

The City of Paris puts citizen participation at the centre of its activities as it fosters social cohesion and contributes to living together. Some participatory tools have long been part of Parisians' lives as can be seen in the success of the *Participatory Budget* (a new record for participation in 2019) and the *Actors of Sustainable Paris scheme*. The City is also launching new initiatives. In 2019, it created the *Climate Agora*, a participatory governance tool for the *Climate, Air and Energy Action Plan*. It is also launching the *Paris Volunteer Alliance* programme to structure and step up the civic engagement process. The City systematically engages in consultation for urban development projects, to refine and co-construct ventures.

25 May – The 1st *Climate Agora* is held at Paris City Hall (4th). The Agora has 4 colleges: citizens, associations, businesses and administration, the Agora itself being one of the participatory governance tools for the *Paris Climate, Air and Energy Action Plan*.



Participatory Budget

More than 1 Parisian in 10 has contributed to the 2019 Participatory Budget

The 6th Participatory Budget is 12% higher than 2018, constituting a new record. The Participatory Budget for primary and secondary schools has also risen by 7.5%. 62% of contributions have been made via a dedicated Participatory Budget web platform (budgetparticipatif.paris) and 220 physical urns have been distributed throughout the capital, especially in arrondissement council offices. Mobile urns have also been introduced. In total, 194 projects (including 183 arrondissement projects) have been adopted on a range of subjects such as cleanliness, mobility, access to leisure, the environment, etc.



A Children's Street on Rue des Coûtures Saint Gervais (3rd)

CHILDREN'S STREETS INITIATIVE ENCOURAGES CHILDREN TO RECLAIM PUBLIC SPACES

The Children's Streets project is funded by the Participatory Budget and consists of closing some sections of the city's roads at specific times for children's play and recreation. The first Children's Streets began in 2018. In 2019, Rue Alésia (14th), Placette Mouraud (20th), Rue Julien Lacroix (20th) and Rue Colbert (2nd) all joined the scheme. Other streets are currently being assessed.



143,489

Parisians have nominated **194** projects in the city's 20 arrondissements



85,774

young people voted for the Participatory Budget in primary and secondary schools



2,559

residents in sheltered housing contributed to the Social landlords Participatory Budget

In total, **231,822** Parisians got involved in the Participatory Budget



An €87.3 M

overall budget approved, including **€29. M** for ecological transition-related projects



67

projects selected in less-affluent neighbourhoods, with a budget of **€37.5 M**



986

projects completed or underway since 2014 comprising a combined budget of half a billion euros: **2,289** outputs already delivered. A single project sometimes resulting in several outputs.

The voluntary sector

The City of Paris signs a reciprocal commitments charter with Parisian associations

The City adopted the charter in July following an extensive 7-month consultation exercise involving 130 Paris-based associations. This resulted in a national document produced by the government, the *Mouvement Associatif* and local authority networks. In concrete terms, the text provides structure and strengthens relations between the City and associations operating in Paris. Paris recognises the vital role they play in developing public policies and agrees to better adapt funding procedures to the needs of associations. In a spirit of reciprocity, those signing the charter agree to encourage transparency, mutual trust and shared values, such as inclusion, civic engagement, sustainable development, equality and secularism.



70,000

associations of all sizes and all social sectors are actively working in Paris, such as education, culture, social issues, health, the environment, leisure and defending human rights, etc.



4,685

associations registered in Paris, in 2019



16

Voluntary and Civic Centres



8,183

associations registered with the Centre of associative and citizen life, including **597** working for environment and ecology



44

Festive Pavilions in 2019 providing entertainment in the City's parks and gardens, with **750** events

Participatory housing and development

Paris launches its 1st collaborative social housing programme in the *Saint-Vincent-de-Paul* joint development zone (14th)

The ex-*Saint-Vincent-de-Paul* hospital (14th) is currently the site of an extensive development project to build an eco-district. Approximately 43,000 m² of new housing should be built in the neighbourhood. In March, the City launched an innovative scheme with its social landlords, contracting authorities of 2 batches of homes, to involve the future occupants in the housing development. This first experience of collaborative social housing was delivered with the 14th arrondissement borough council, the developer, P&MA and the two social landlords, RIVP and Paris Habitat.

THE PARTICIPATORY HOUSING CALL FOR PROJECTS ENTERS ITS FINAL PHASE

The 3 successful applicants from the *Participatory Housing* call for projects, launched in 2014, either secured (LOTUS - 19th and UTOP- 20th), or submitted applications (Dedans-Dehors -20th) for their building permits. All signed their sales agreement and are preparing to begin construction work. The 3 projects will enable 35 middle-income families to live in the city centre.

MAKING PARIS MORE BEAUTIFUL CALL FOR PROJECTS: PARISIANS GIVE THEIR OPINIONS

The *Making Paris More Beautiful* call for projects seeks to transform 20 abandoned or poorly maintained sites in the capital. More than 700 proposals were submitted on the dedicated web platform. From 8 to 14 March, Parisians were asked to shortlist their preferences to be assessed by a final panel of local personalities from the world of culture and town planning.



The winning project, *Active Bercy*, designed a giant conceptual hopscotch court on *Rue Henri Desgrange* (12th)

ENVIRONMENTAL IMPACT STUDIES FOR THE DEVELOPMENT PROJECTS ARE GOING TO PUBLIC ENQUIRY

In 2019, the City consulted with its residents on the Bédier-Oudiné (13th), Python-Duvernois (20th), *Gare des Mines-Fillettes* (18th) and *Porte de Montreuil* (20th) development projects. The records for these projects are available for viewing at the relevant arrondissement council offices, for citizens to record their observations and proposals on the register or by electronic means.

PARTICIPATORY DEVELOPMENT PROJECTS UNDERWAY AT PORTE DE VANVES (14th)

The *Participatory Budget* selected the community-led initiatives at *Porte de Vanves* (14th) which have brought children, the elderly, volunteers, social housing and jointly-owned property residents, employees from nearby businesses closer together around a set of shared projects. These include the Children Park (or *Square Marin*) and the Biodiversity Park. Other projects are planned over the next 2 years on remaining vacant plots.



CO-DESIGNING THE OASIS PLAYGROUND AT PARMENTIER PRIMARY SCHOOL (11th ARR.)

The City's Innovation Laboratory coordinated the project. Pupils studied the way they used the playground to devise the main changes to be made. The teaching staff, the after-school activity team and children's parents were also interviewed for their ideas. Workshops to gather more details about needs were organised in some classes. The work resulted in a plan for uses together with recommendations and activities to be part of the "playground of the future".

Consultation bodies, participatory tools

MORE THAN 9,000 CONTRIBUTIONS FROM THE PEOPLE OF PARIS HAVE BEEN COLLECTED FOR THE CONSENSUS CONFERENCE

The *Big National Debate*, that took place in Paris is an initiative to gather concerns and proposals from local people on major social issues raised by the Yellow Jackets movement. These include, democratic participation, taxation and ecological transition, etc. The event held on 25 January at Paris City Hall (4th) attracted more than 1,000 Parisians for a day of free speech in the Paris City Council chambers.

Citizens draft a resolution to boost participatory democracy in Paris

Following the *Consensus Conference* and the Citizens' Council, organised in the spring, the City invited Parisians to take part in drafting a municipal resolution to strengthen local democracy and civic engagement. The *idees.paris* website gathered more than 1,200 contributions and numerous local activities, such as co-construction ventures, a mobile kiosk, handing out and analysing questionnaires, etc. A summary was subsequently drafted and discussed then voted on by the City Council in early October. It contains several targets for actions and concrete measures, such as sustaining the *City Wants To Hear From You* mobile initiative, or the expansion of the *Paris Volunteer Alliance*.

The City launched its *Paris Volunteer Alliance* programme

For the last five years, the City of Paris has nurtured and encouraged *Volunteer Alliances* for solidarity, climate or debate. These citizens volunteered to take part in one or more projects related to solidarity, conflict resolution or hosting large events. The City launched its *Paris Volunteer Alliance* programme to boost volunteering and bring together all initiatives under a single umbrella, while developing recruitment and training procedures. A dedicated space on the *paris.fr* website allows volunteers to register to take part in practical tasks on a one-off or daily basis to make the City more supportive, sustainable and resilient. Each *Paris Volunteer* has already signed the Paris Volunteer Alliance charter.



The Paris Volunteer Alliance at the Women's World Cup

A NEW PARTICIPATORY TOOL: PARIS CITIZENS' COUNCIL

The City has organised a Paris Citizens' Council prior to each Paris City Council meeting since March 2019. This new event gathers Paris-based volunteers in the Council Chamber at City Hall (4th) and gives them the chance to ask questions and give their views on decisions to be made on the City Council agenda, to aid transparency in municipal politics.



CO-DESIGN IS CENTRAL TO THE CITY FAMILY INITIATIVE

The City of Paris' Public Innovation Laboratory has started a collaborative, co-design initiative to improve the instruments in its family policy by asking those residents concerned. A joint steering committee of agents and volunteer service users has subsequently been formed. Shared workshops have also been held in 2019 to identify respective needs in order to find the right solutions at local level.

THE WORK ACHIEVED BY THE 2018-2019 MEMBERS OF THE PARIS YOUTH COUNCIL

The 100-strong Youth Council membership of 15-30 year-olds worked from December 2018 to November 2019 on greening up the city and conserving biodiversity. In December, they gave made their pledges on these subjects to Paris City Council. They especially wanted to step up communication campaigns and problem solving with the people of Paris, as well as developing support for gardening by, for instance, providing arrondissement council's with "starter kits".



158

projects supported in less-affluent neighbourhoods, with *Local resident participation* funding amounting to a total of €68,000



25,575

Climate volunteers


Actors of Sustainable Paris

A new eco-responsible site for the Actors of Sustainable Paris network

The *Actors of Sustainable Paris website* has been completely redesigned to develop its interactive functions while reducing its carbon footprint. The new website layout has also been designed to grow visitor numbers without using more energy. This includes simplified and intuitive navigation and a charter for low data content to limit bandwidth flows as much as possible. These technical and graphic improvements are also geared to Parisian web users interested in environmental actions and/or wanting to get involved at their own level. The website is more pleasant and interactive, providing access to practical information sheets on different subjects, or to register as an Actor in a few clicks.




 **5,600**
Actors of Sustainable Paris registered

 **8,750**
Parisians have taken part in **263** events at the Actors Centre (4th)

 **150,000**
visits to the [website](#)

 **16,500**
individuals following the Facebook page

 **5,300**
individuals following the Twitter feed

 **8**
Networking and chat evenings (relaxed meetings with project leaders and the public) which attracted **450** people, including **60** project leaders

Exemplary administration

The *Kiplin Challenge* was held on 19 June and 3 July for Paris City Council's Youth and Sports Department agents. The aim was to get them involved, in a fun way, to make small changes in their daily lives and promote well-being in the workplace. Among the activities proposed was getting off the metro one station before your stop, or using a non-motorised form of transport to get to work.



→ On 22-25 October, Paris City Hall (4th) hosted *European Week*. 3 events were held to promote European citizenship: *Creative Citizenship*, a working group from the *Eurocities* network, the *INCLUDE* seminar (new initiatives to get Europeans involved in citizenship-related activities locally and in cities), financed by the EU and jointly organised by the City, with *Jeunes Européens France* and the European Civic Forum and the 25th Young Europeans-Europe Congress.

→ In Bethlehem, Paris is contributing to a project to transform Nativity Square, currently a car park, to create a well-designed public space by and for the local residents. Cultural and participatory town-planning tools are being used to devise future plans together, including trials, participatory work camps, inclusive events, etc.

innovation



Innovation for sustainable development

Start-up companies proposing innovative urban solutions

The 2nd call for trials for the *Innovative City Neighbourhoods initiative*

This initiative, supported by UrbanLab, the City of Paris and 14 other partners, tests innovative solutions in actual conditions. The 2nd call was launched in April and focuses on the *La Chapelle* district (18th and 19th), with more than 43,000 residents and many businesses. 15 projects were selected in September. These included a bus shelter with a cooling mister, a recycling machine for plastic bottles, a wooden apartment building that can be dismantled or a video system to detect aquatic pollution.

DataCity, season 4

DataCity is a digital technology development programme created by NUMA in conjunction with the City of Paris. It selects start-up companies to design solutions that address urban issues. The 2019 edition featured 10 new challenges for 10 start-ups, including shared cars, guaranteed cleanliness (*GreenTropism*), faster professional vehicle charging (*Wintics*) and cutting construction work time in cities (*GOTMI.IO*), etc. The results were presented on 12 June at Paris City Hall (4th) for *DemoDay*.



Smart Construction Logistics offers a new organisation system for construction site logistics, to reduce delivery truck traffic in the city centre.

The City is playing its part in the digital transformation process

→ **Open data** provides free data from Council services as a pledge to transparency and participatory democracy for the local community. In 2019, data accessibility and automatic updates were improved. Paris Data is one of more than 260 public datasets, including 82 new additions in 2019.

→ **Data gathering and mapping.** The City uses more than 700 individual applications, while knowledge about these systems is sparse and poorly organised. *SIDONIE* is a mapping initiative launched in 2019 to streamline data and their application environments.

→ **Creating a platform for local data.** This brings together all data in a single location to then organise maximum freedom and accessibility of these records, to protect civil liberties. The system provides an ultra-fast search facility, generates monitoring indicators, splits, cross-checks and cross-references information and tracks cyber attacks.

Modernising the administration

→ The City took part in *Public Innovation Week* by organising a dedicated event: *Paris Innovates*, which attracted 400 attendees. 125 innovative agents gave 90 presentations. It featured 3 priorities for innovation: the inclusive and sustainable city, a high quality public service geared to new uses, economic attractiveness and employment.



→ The Public Innovation Laboratory co-constructs public service with its users to meet their needs as best as possible. It ran 13 projects in 2019 as part of the collective intelligence initiative. The Lab introduces teams to collaborative working methods, provides training and applies service design methods to develop shared projects. 2019 saw the arrival of an internal collaborative innovation network.

→ Launched in 2018, the *City Inventor* programme helps agents devise innovative solutions to improve their working conditions. The projects chosen were prototypes in 2019, such as a user-friendly mechanism to empty drains, a table to handle bowlers, a stepladder for working on embankments, a tool to make it easier to open water/fire hydrant covers and a bench crate to make it easier to gather fallen leaves in school playgrounds.

Trying things out for a sustainable and inclusive city

THE 10 SUCCESSFUL APPLICANTS TO THE ARC OF INNOVATION CALL FOR PROJECTS

This new initiative jointly led by the City of Paris, *Plaine Commune*, the *Grand-Orly Seine Bièvre* local authority, *Est Ensemble* and the Bank of the Territories, seeks to promote local, innovative ventures in eastern Paris. 10 successful projects won awards: *1 vélo pour 10 ans*, *Like ton job*, *Extramuros*, *Fable-Lab*, *Epicerie Saveurs en Partage*, *Collective*, *Kimia café*, *AJDB*, *Val Bio*, *Studio Traversée*.



THE CITY IS MAKING ELECTIONS MORE ACCESSIBLE TO PERSONS WITH DISABILITIES

In Paris, all polling stations already accessible to persons with reduced mobility are now also open to those with autism and individuals with cognitive disorders. This project won a Territoria silver award presented by the French Public Innovation Observatory. This universal access programme also won the APAHJ (Association for Young and Adult Persons with Disabilities) prize.

PARKLETS, PUBLIC AMENITIES ON A PARKING SPACE, DIVERSIFY STREET USE

This new public amenity concept can transform a parking space into a planted area, a mini patio or a place to sit and stop. The *Dédale* Association tried out a first Parklet, with financial support from the *Participatory Budget*, on *Rue de la Bourse* (2nd). This was followed by 3 more, with specific uses, such as a mini bike repair workshop (15th), a mini-garden (4th) and a space for local people to meet (18th).



THE CITY IS TRIALLING SYSTEMS FOR THE VISUALLY IMPAIRED

In 2019, the City installed 10 tactile pathways in the 19th, with a ground-level guiding system for the visually impaired. Tactile stripes were installed at the *Place du Panthéon* (5th), *Place de la Madeleine* (8th), *Place des Fêtes* (19th), *Place de la Nation* (11th and 12th) and *Place Gambetta* (20th), for the very first time on this scale. The City also successfully tested sound beacons and is now working to introduce guiding tools to tenders for street lighting.



Paris international

→ Paris is a member of the *International Open Government Partnership*, which represents 80 governments committed to transparency in public action and citizens' democracy. The City is going to promote 3 of its flagship activities over the next 3 years, from 2019 to 2021. These are the *Solidarity Hub*, *Paris Climate Volunteers* and its open public procurement process.

→ While the *Paris Open Source Summit* marked the 20th anniversary of the *LinuxFr.org* association, the City of Paris was honoured for its contribution to developing free software and open source IT solutions.

→ The City took part in several international events on technical innovations for cities, such as the circular economy (Vienna), electric HGVs and construction machinery (Rotterdam).



- 31 January** — Paris celebrates its 100,000th affordable home, funded since 2001.
- 4 February** — The City Council adopts the Sportier Paris Plan, focusing on local sporting activities, with 3 key aims: create new links between sports activities, garner support from clubs and enable as many Parisians as possible to take part in physical activity.
- 8 March** — An agora on equality entitled, *Let's Act Together for Women's Rights*, is held on Paris City Hall esplanade (4th) for *International Women's Day*, attracting numerous associations and almost 3,000 participants.
- 19 May** — The City launches *Paris Sunday sports events*, with free sports activities for Parisians each weekend at twelve locations, particularly in working-class neighbourhoods.
- 31 May** — The City of Paris, together with the municipality of Saint Denis (93), opens a humanitarian shelter for refugees living near to *Porte de la Chapelle* (18th).
- 17 June** — The 12th Paris solidarity restaurant, *Joseph de Maistre*, opens in the 18th arrondissement. The restaurant has room for 100 people, including families.
- 29 June** — The 4th *Fortnight of Prides* celebrates the LGBTQI+ community, with debates, conferences, films and evening events. The festivities culminated in the *Pride March* that included the City of Paris' float, affirming its identity as capital of LGBTQI+ rights.
- 29 June** — The City launches *Canal On stage*, for its Working-class Neighbourhoods Plan. This major, fun and festive event open to all was held on the *Place de la Bataille de Stalingrad* (19th arr.) and along the *La Villette* basin (19th).
- 6 July** — The *Bal Arrangé*, an inclusive and accessible ball, at the *La Villette* basin (19th), brings the Parisian *Disability Month* to a close.
- 31 August** — Pow'Her is inaugurated : it's the first daytime welcome centre for young women aged 15-25, victims of sexist and sexual violence. This programme has been developed through a unique partnership between the City of Paris, Seine-Saint-Denis (93), the French government and Bagnolet Municipal Council (93).
- 8 September** — Almost 25,000 women, including 200 from working-class neighbourhoods, run the 23rd *La Parisienne*, Europe's largest women-only race.
- 30 November** — 2018 Nobel prize-winner, Doctor Denis Mukwege, is the guest speaker at a conference held at Paris City Hall (4th) on the subject of "belief and commitment to aid the distress of humankind".



Boosting social cohesion and solidarity between territories and generations

A sustainable city means improving the quality of life for everyone, everywhere in the city area. As such, Paris is developing social diversity and mechanisms for solidarity. In 2019, the City continued to work for the homeless and refugees. It created the Solidarity Hub centre to support community action against exclusion. It is also developing support schemes for the most vulnerable residents, particularly young and elderly people or those with disabilities. The City is also launching an action plan to improve conditions for residents in working-class neighbourhoods, with practical initiatives for safety, employment and inclusion. More generally, the City is also combating all forms of discrimination and violence, especially towards women and the LGBTQI+ community. Paris is also working hard within its administration to combat all forms of discrimination.

28 August — A remembrance ceremony is held for the first time on Paris City Hall esplanade (4th) to honour the memory of 97 women murdered by their partners since the start of 2019.



Solidarity

3,641 homeless people met during the 2nd Solidarity Night

Solidarity Night was organised on the night of 7-8 February with the participation of 1,700 volunteer residents and many agents from the City Council and its partners (SNCF, RATP, AP-HP, Paris Habitat, etc.) and voluntary groups. The dual aim was to count the number of homeless people, better understand their backgrounds and needs to tailor the City's response to their plights. In total, the volunteers encountered 3,641 individuals (3,035 in 2018). This count took place while 25,000 beds were available in Paris. Paris Urban Planning Agency, together with the *Solidarity Night* Scientific Committee, conducted an in-depth analysis of data gathered and published it in December, to inform public action to combat exclusion.



THE SOLIDARITY HUB (12th), IS A CENTRE COMMITTED TO COMBATING LARGE-SCALE EXCLUSION

Conceived following the 1st *Solidarity Night*, this resource centre was opened in 2019 on the *Quai de la Rapée* (12th) to receive, advise and train Parisians keen to help combat exclusion.



The Solidarity Hub contains a solidarity café, a library and holds cultural events. It is also a solidarity 'incubator' to foster solidarity-based and voluntary initiatives



2,100
Parisian volunteers
(including 400
agents), split into
353 teams



3,641
homeless people
counted including,
2,246 homeless
people on the streets
of Paris
756 homeless people
in covered amenities
(metro stations, car
parks, hospitals,
stations, etc.)
639 homeless people
in woods, parks,
gardens and on the
embankments of the
ring-road



Among the homeless
persons recorded:



65%
were alone



71%
were aged between
25 and **54**



14%
were women

In 2019, the City provided people in situations of hardship with



50
persons received at
day care facilities



7
luggage deposits



52
food distribution
points



17
shower rooms



12
solidarity
restaurants



95%
of measures from
the Parisian Pact
against large-scale
exclusion have been
introduced

Paris takes action to help homeless people

The Paris Cold Weather Plan was triggered in January when municipal buildings were opened in 24 hours providing 220 additional beds. Several arrondissement borough halls opened their doors, while homeless women, frequently exposed to violence in mixed-sex shelters were catered for at Paris City Hall (4th). The homeless were also provided with a new facility in the municipal baths in the 12th arr. for sanitary needs, medical and psychological care. Towards the end of 2019, the City opened a one-of-a-kind facility to handle mail. It is designed to ease inclusion efforts and triple the number of legal postal addresses for homeless people.



23,000
permanent beds
(in accommodation shelters and hotels)



6,600
people lodged in hotels,
in September 2019



2,375
beds available
throughout the period (winter 2019/20)

THE CITY LAUNCHES WELC'HOME, A HELP AND SUPPORT CENTRE FOR REFUGEES

Opened in summer 2019, at the emergency housing centre on *Boulevard Jourdan* (14th), Welc'Home is a temporary initiative dedicated to the reception and guidance of refugees. Managed by *Emmaüs Solidarité* and the *Singa Association*, the centre also relies on a team of Paris-based volunteers to provide a range of services and activities, while forging bonds with the people it caters for. These include a café-bar and launderette, French language courses, sports sessions and leisure pursuits, etc.



The City announces the 12 prize-winners for the Social and Solidarity Economy Awards

The awards ceremony took place on 12 November, in the Paris City Hall (4th). 10 prize-winners received individual financial support of €10,000. Among them was, for example, the *Éthi'Kdo Cooperative*, which created a multi-store gift card for responsible consumption, while the local community association, *Descodeuses*, provides IT training for women wanting to learn skills to work in the digital sector. Two other solidarity-based companies were also honoured for their contributions: *Hôtels Solidaires*, which collects unused food and distributes it to the homeless, and *Les Marmites Volantes*, socially-engaged restaurants in the 19th arr. and at Montreuil.

LES GRANDS VOISINS (14th), A COLLABORATIVE, SOCIAL AND SOLIDARITY VILLAGE

Les Grands Voisins, occupies the *Saint-Vincent-de-Paul* site (14th) until 2020 and exemplifies transient initiatives as well as a potential model for activities in a future neighbourhood. More than one hundred events were organised in 2019. These included the *Migrant'scène* festival, which highlighted efforts to tackle discrimination of people from foreign countries, a weekend festival organised at a future development site, while the site also hosted the *48hr of urban agriculture* event.

Paris saves lives



60,000
people given first-aid training since 2016, including **27,000** in 2019



400
defibrillators installed on city streets

Youths

The 14 successful applicants to the Start'in ESS call for projects are announced

Run jointly with the Student Initiative Centre, the *Start'in ESS* scheme seeks to promote entrepreneurial ventures by students in the social and solidarity economy, which now accounts for 10% of jobs in Paris. 90 creators applied to the scheme for its 2nd edition. 14 projects were selected in February and secured one-to-one guidance. Co-bike, for example, developed a tandem for persons with reduced mobility, while Sizara uses the properties of clay to provide 100% ecological irrigation systems. FaBRICK or Povera are developing initiatives to stop fabrics being wasted and instead recycled, while SunnyCare is a system of sunscreen information, advice and distribution points to combat skin cancer.



1,450
Parisians have benefited from the *Youth Guarantee*. A support scheme for lasting employment for 16 - 25 year-olds experiencing hardship



18,000
tokens from the Youth Pavilion distributed



22,566
Youth Passes distributed during the summer holidays (access to sports and leisure activities for 15 to 25 years-olds)



720
young people received help from the Young Persons' Support Fund that helps pay for training, driving licenses and daily needs (1,400 people supported)



More than 16,200
young people have received support from specialist prevention associations

social cohesion

Seniors

PARIS EXPANDS ITS SPORTS FOR SENIORS PROGRAMME

The programme was updated in 2019. 4,500 places were opened for reservations in September, enabling elderly residents in the city register for 18 different activities in 61 venues throughout Paris. These include Taekwondo, aquatic fitness, Nordic walking, tennis, stretching, soft gym, etc.



Paris with company

800

elderly people registered,
1,012 citizens involved and
2,170 'buddy excursions' made



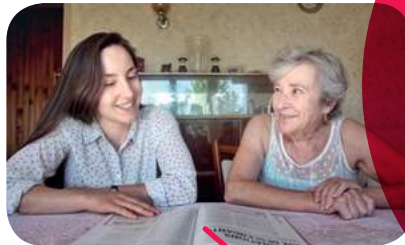
Sport and seniors

4,500

places created in
18 arrondissements to allow
the over-55s to practice sports
activities

19 ELDERLY PARISIANS TAKE PART IN AN ECOLOGICAL RAMBLE

The *Blue Week* takes place in early October and is a national cross-disciplinary event for retired and elderly people. Several initiatives were held in the capital, such as an ecological ramble focusing on waste problems and good practice.



MONAIDEADOMICILE.PARIS.FR IS THE FIRST OFFICIAL COMPARISON WEBSITE FOR HOME-HELP SERVICES

The City launched this new platform in the spring to list all the services provided by 200 organisations working in the Paris area. It features prices, locations and service hours, as well as customer feedback. The platform is a digital system from the *City Start-up Programme*, incubated by agents and co-constructed with customers, caregivers and home-help services.

Disability

Paris is developing assisted housing solutions

One of the aims of the Parisian "Disability, Inclusion and Universal Access" Strategy (2017-2021) is to develop assisted housing as a 3rd solution between living independently at home and communal living in a specialised facility. 70 affordable homes will be created for persons with disabilities, as part of the agreement between the City and social landlords. The programme's technical committee has approved 6 projects this year, representing 32 affordable homes with 59 bed spaces. They all have support from medical and social care organisations based in Paris. In addition, 34 new homes will be completed within the next 3 years, in the 11th, 17th and 19th arrondissements, for persons suffering from mental disorders. 5 have already been allocated this year.



468

City of Paris facilities (crèches, schools, gardens, swimming pools, etc.) made accessible, amounting to more than €42 M invested from 2015 to 2019

Parisian museums strive for accessibility

After a year of building work, the gardens and permanent collections of the *Maison de Balzac* museum (16th) are now accessible to persons with reduced mobility. The *Museum of Modern Art* (16th) also re-opened in October, with new, universally accessible reception areas. As well as retrofitting buildings, Paris' museums are organising adapted activities, such as multi-sensory modules installed in the *Petit Palais* (8th) during the Autism Week), as well as tactile, oral, or lip-reading visits. There are also visits for persons with mental disorders, during *Parisian Disability Month*.



The *Museum of Romantic Life* (9th) held an exhibition entitled, *Touch-sensitive Looks*, which offered touch-friendly reproductions of work from the Paris Museums' collection

Working-class neighbourhoods

Paris launches an action plan to improve conditions in working-class neighbourhoods

The City has introduced a new action plan with 5 key objectives, each split into a series of practical measures. These include, tougher public order for greater security and combating commercial-related disturbances, especially in Eastern Paris. There is also an ambitious training and employability programme for 1,000 Parisians, initiatives to reclaim public spaces for families, enhancements for these areas and financial support for volunteers involved in fostering activities for education, employment, access to leisure or inclusion initiatives for the elderly. 350,000 Parisians are directly concerned.

THE NEW MULTI-ANNUAL URBAN RENEWAL PROGRAMME SEEKS TO MAKE ENVIRONMENTAL IMPROVEMENTS IN LESS-AFFLUENT NEIGHBOURHOODS

The agreement was approved by the City Council in December and targets 4 urban regeneration neighbourhoods: Goutte d'or (18th arr.), Orgues de Flandre (19th arr.), and the Portes districts in the 18th and 20th arr. It sets out the conditions to deliver each project and the financial support provided by the French national urban regeneration agency. The agreement also seeks to make environmental improvements in the relevant areas. This involves health impact assessments, giving more space to nature and thermal rehabilitation work on buildings, etc.

Key policies adopted for working-class neighbourhoods in 2019

€ **A €273 M**
budget for working-class neighbourhoods, in 2019 (**€101 M** for services and **€171 M** of investments), i.e. a **6.2%** rise compared to 2018

👤 **More than €4 M**
of grants for services and in excess of **€1.9 M** of investment grants for 480 associations in working-class neighbourhoods

👤 **158**
multiannual service agreements established with associations in less-affluent neighbourhoods by late 2019

🔧 **€140,000**
allocated by the City to support 4 community exchange hubs based in working-class neighbourhoods, running systems to exchange non-monetary services (DIY, repairing items, etc.)

€ **€75,000**
to set up local economic initiatives in the *political neighbourhoods in the City*, mostly stemming from the social or solidarity economy

👤 **8**
Citizens' Councils in working-class neighbourhoods, with **€20,000** from the City, in 2019, for operational support

📖 **65**
educational workshop projects organised for the Integrated Territorial Investment (ITI)/City Contract Programme, with **246** participants, including **141** from working-class neighbourhoods

The City supports the growth of local shops

The *Paris Shops* initiative seeks to make it easier to create and keep running local shops. Two years after it was introduced, more than 400 retailers, trades and associations have set up shop in the capital, especially in working-class neighbourhoods. These tangible outcomes have been secured through simultaneous action on social landlord-owned local retail units and private shop premises. In parallel to these efforts, the 2nd call for projects for the *Giving Local Shops a Helping Hand* initiative, has helped fund 26 retailers in working-class neighbourhoods to renovate their premises.



An educational workshop project helped redevelop premises shared by volunteer associations in the 19th arrondissement. The 4 young participants learned about the joinery trade by designing furniture and fittings with re-purposed wood.

Gender equality and combating discrimination

Paris combats all forms of discrimination

In late February, an exhibition decrying fat-shaming was installed on the walls of the Napoleon Barracks (4th). The 29 panels were taken from a display organised in 2017 in the rooms of Paris City Hall (4th) to challenge and inform Parisians



In March, the City organised the *Say No to Racism and Anti-semitism Week*. There were more than 60 events open to all, including workshops, films, conferences and debates, etc. In December, Paris hosted the *Say No to Discrimination Week*, with a key event: "Public spaces, separate or shared worlds? Comparing and contrasting discrimination"

The subject "gender and equality" is built into developers' missions

This approach features in various schemes that promote equal use of public spaces for all, in terms of town planning, installing amenities, or street lighting, in urban regeneration projects, such as the 7 large city squares or the *Petite Ceinture*. The subject, "Gender and Public Space", is also central to support provided to *Women's Safety Audit Walks*, which meets a three-fold challenge of local events, boosting women's sense of security and equal use of public spaces. Since 2014, 10 safety audit walks have already been launched in various districts.

THE MUSEUMS FOR ALL PROJECT

This aim of this initiative, run by the City together with the *Petit Palais* (8th) and an emergency accommodation centre, is to improve access to culture for certain women facing great hardship. It features a tailor-made programme focusing on using touch and smell to access still life art, sketching workshops in gardens, or discussions around a works of art depicting women over the centuries, etc.

THE WOMEN'S WORLD CUP MARKS THE OPPORTUNITY TO PROMOTE GENDER EQUALITY THROUGH SPORT

The Women's World Cup was held in France in 2019 and was a high-point for football and promoting women's sport. Paris hosted 7 matches and many initiatives on gender equality in sport and elsewhere. The City, for instance, opened 4 new pitches for women's football (14th, 17th, 18th and 19th) and provided sustained training to relevant agents on diversity and "living better together".

THE VIOLENTOMETER IS SET

In November, the City won a Territoria silver award for creating a violentometer, or a cardboard ruler that measures the presence or threat of sexual and gender-based violence in a relationship. In 2019, 34,000 such rulers were distributed and translated into 6 languages (English, Spanish, Arabic, Turkish, Chinese and Tamil).

THE CITY CREATES A PARISIAN LGBTQI+ OBSERVATORY

In late 2018, the City introduced a plan featuring 32 cross-cutting measures to combat LGBT-hate and protect the rights and freedoms of the LGBTQI+ community. The management tool for this plan is the Parisian LGBTQI+ Observatory, which was set up in May 2019 to regularly review the situation of people concerned, to improve knowledge and document public action.

THE CITY OPENS 5 LOCATIONS NAMED AFTER ILLUSTRIOUS WOMEN

Nicole Fontaine, Marie-Thérèse Auffray, Marie de Roumanie, Martha Desrumaux, Françoise Héritier were 5 committed public figures, symbols of the Resistance movement, militant causes and feminism. They were chosen by the City to rename several public places in Paris, to anchor their combat in the city both visibly and eternally.



The Françoise-Héritier Garden was opened in the 14th arrondissement

Exemplary administration

→ In February, 400 agents volunteered to take part in the 2nd *Solidarity Night*.

→ The City has secured dual Alliance accreditation, honouring policies adopted for gender equality in the workplace and combating discrimination.



→ A mobile exhibition installed in various Council buildings, in Paris, features the key stages of the City's commitment to equality in the workplace.

→ The City is taking part in a consultation exercise led by the *l'Autre Cercle* Association on agents' feelings and experiences about the situation regarding LGBT+ matters in the workplace.

→ The Agents can get first-aid training through the *Everyday Heroes* web platform, developed with the City of Paris Fire Service. This teaches people about first response actions, with some one hundred short games.

→ On 25 November, several combined Council department teams took part in the *Relays Night* running event. It was organised at the *Grand Palais* (8th) by the Women's Foundation, with the City providing logistical and financial support. Donations collected were given to associations that support women who have fallen victim to violence.



14,554

aid packages allocated to low-income households to combat fuel poverty, amounting to **€2.5 M** from the Support Fund for Household Fuel Bills, supplemented by aid from *Paris Energy Families* delivered to **32,121** beneficiaries, totalling **€7.3 M**



€47 M

has been invested in social care activities

The City promotes social inclusion and employability schemes:



416

tenders currently published featuring a social and professional inclusion clause



447,290

working hours generated (i.e., **278.34** FTE)

The City employs:



3,433

agents with disabilities, or more than **6.33%** of the workforce



400

young volunteers join the civic service in the Paris administration



Paris international

→ The City has awarded Honorary Citizenship to 2 international activists: Loujain Al-Hathloul, a key figure in the combat for rights of men and women in Saudi Arabia and Nasrin Sotoudeh, a lawyer and defender of human rights in Iran.

→ The 2nd *City of Paris International Awards for LGBTQI+ Rights* was held on 17 May 2019. The award, accompanied by a grant of €5,000, was given to an initiative run by Paris City Hall (4th) hosted the *Womens' Start-up Challenge Europe* final, which, for 2019, focused on innovation in health.

→ To mark the 25th anniversary of the genocide in Rwanda, the Cities of Paris and Kigali signed a pact of friendship and cooperation which included greater dialogue on memorial issues.



€350,000

allocated to humanitarian NGOs to assist the victims of conflict in Syria and Iraq



€150,000

in grants allocated to international NGOs to develop their projects to defend human rights and help protect human rights defenders threatened worldwide



€100,000

allocated for urgent assistance to *SOS Méditerranée*, for a new mission to save migrant lives at sea



€80,000

allocated to 10 development projects selected from the *SOLIDEV* call for projects





Le Producteur Local in the 20th arr. is a cooperative retail venture using RIVP premises to offer local produce



4 March – The City launches the 3rd *Paris-Countryside Solidarity* call for projects, to help social economy organisations to forge links between the capital and outlying rural areas.

11 May – 15 Paris' collection and recycling depots open their doors to local people for the *Resource Centres Party*! The event includes repair workshops and demonstrations, *Do-it-yourself (DIY)* and tips on avoiding waste, etc.

17 May – The 5th *Focus on Circular Economy* call for projects selects 4 successful applicants to take part in cutting the use of disposable plastic.

6 June – Paris, the French government and the Regional Council open a new waste sorting centre in the Batignolles eco-district (17th). The facility can handle 45,000t a year and processes selective collections from 7 Paris arrondissements and 4 neighbouring municipalities, accounting for almost 1 million residents.

15-16 June – The 5th *Salvage Party* turns the hall at *Blancs-Manteaux* (4th) into a giant collection and recycling depot to promote the re-purposing economy in Paris.

12 July – The City Council votes to set up a collaborative retail outlet and workshop in the 18th arrondissement to repair small household electrical items and combat planned obsolescence.

11 October – The City of Paris signs a technical cooperation agreement with the City of Accra (Ghana) which was selected for the *African Sustainable Cities* call for projects issued by the French Ministry for Europe and Foreign Affairs. The agreement seeks to reorganise household waste collection and recovery through multi-disciplinary exchanges between agents from both large cities.

18 October – 230 people attend the annual *Deux Rives* neighbourhood event, at the RATP visitor centre, including stakeholders and partners involved in the Paris' 1st circular economy business district.

7 November – Paris wins the prize for the Canteens Bucking the Trend, in the *Large City category*. This recognises the quality of food (mainly organic and local) served in Parisian crèches.

28 November – The City's Resource Hub, which specialises in public policy concerning less-affluent neighbourhoods, launches a review process on "urban ecology" and organises meetings on "Sustainable food, a challenge for less-affluent neighbourhoods in Paris".

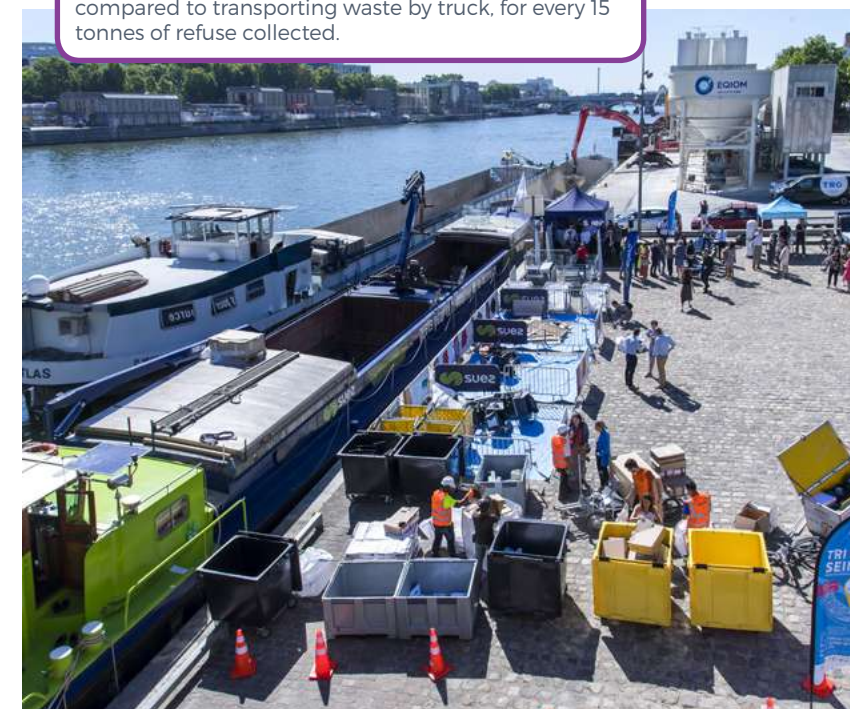
17 December – The winning project for *Reinventing Paris*, in the Ourcq-Jaurès district (19th), the *Rail Farm* (18th), opens. Drawing on the circular economy, its design and purpose is to reuse materials and food items through short supply chains, while recycling organic waste.



Promoting responsible production and consumption methods, and developing the circular economy

Paris has been a firm supporter of the circular economy since 2015, which limits environmental impacts, generates lasting jobs and promotes responsible forms of production and consumption. To continue backing the City's circular economy stakeholders, the City Council re-issued several calls for projects in 2019 (*Paris Fabrik*, *Made in Paris*, *Focus on Circular Economy*) and is also launching the *Responsible Consumption* initiative, while supporting numerous events. To deliver on its zero waste strategy, Paris is fostering new distribution methods (bulk, deposit schemes, packaging-free, etc.), combating food waste and encouraging waste sorting. At the same time, the City is continuing its efforts to improve the quality of people's diets, especially in less-affluent neighbourhoods.

5-7 July – The City tests out riverside waste collection in the *Deux Rives* neighbourhood. Called, *Tri en Seine*, this solution has helped avoid 83% of CO₂ emissions, compared to transporting waste by truck, for every 15 tonnes of refuse collected.



Circular economy

309 small businesses honoured for the 3rd *Made in Paris* label event

This label promotes the excellence and diversity of Paris' small businesses. The 2019-2020 campaign attracted 309 small businesses, entrepreneurs and creators, split into 5 categories: manufactured products, crafts foods, home goods, fashion and accessories and innovation. 15 outstanding small businesses received a financial award. Parisians were involved in the process by voting for their favourites.

THE CITY TAKES PART IN A STUDY ON THE TRACEABILITY OF CONSTRUCTION SITE WASTE

The City is contributing to the DEMOCLES collaborative platform that has conducted preliminary research on a traceability scheme for building site waste. The research, jointly funded by ADEME, Ecosystem and USH, features a European benchmark to identify good practice, pinpoint the needs of building industry stakeholders gathered over a 9-month consultation period from contracting authorities, contractors, building companies, waste operators and manufacturers. Finally, the study has also helped draft specifications for a proper traceability system.

THE CITY ANNOUNCES THE 18 SUCCESSFUL APPLICANTS FOR THE RESPONSIBLE CONSUMPTION CALL FOR PROJECTS

The successful candidates have received operational grant funding to help them inform Parisians about responsible forms of consumption. The activities delivered target, in particular, promoting healthier, environmentally-friendly forms of consumption that don't necessarily cost more. This could be making your own household cleaning or cosmetic products, buying second-hand, repairing and promoting home-made food, etc.

THE *POUSSES.PARIS* WEB PLATFORM SUPPORTS HIGH-IMPACT ENTREPRENEURS WITH THEIR BUSINESS VENTURES

The City launched *pousses.paris* as a new platform providing guidance and support to social and solidarity economy entrepreneurs. *Pousses* is also a self-help community and a facility to learn about virtuous and innovative practices that have a beneficial effect in the City of Paris.

The *Paris Fabrik* - season 2 call for projects announces 14 successful applicants

With a budget of €800,000, *Paris Fabrik* supports innovative forms of training in manufacturing, reuse and green economy occupations. In October, the City announced the 14 successful applicants for the 2nd year of this initiative, including 4 in the "digital manufacturing" sector, 6 in the circular economy and 4 working in non-motorised forms of transport. There are nearly 550 training places available for the 2019-2020 season, open to jobseekers living in the city.



2 AFFORDABLE HOUSING PROJECTS RECEIVED INCREASED FUNDING FROM THE CITY

Both housing developments, delivered by Paris Habitat, are largely based on a circular economy concept and will provide 77 new affordable homes. One project focuses on an extension to a building (5 additional homes), while the other is part of ambitious plans for the *Saint-Vincent-de-Paul* joint development zone (14th).

12 SMALL BUSINESSES SET UP IN THE NEW *VILLA DU LAVOIR* SMALL TRADERS' HUB (10th)

The *Villa du Lavoir* (10th) has been redeveloped by RIVP, with support from the City of Paris, and since July has become a hub for the creative industries, in fashion and arts and crafts. Following a call for projects, 12 craft makers, designers and stylists have set up shop there.



2 temporary modular and reusable crèches

To provide more places at crèches, the City has set up the *Trousseau Crèche* in the gardens of *Trousseau Hospital* (12th) for a 12-year period, with capacity for 25 children. The building materials are bio-sourced, robust and can be assembled and dismantled at other sites (70% of components are reusable). In September, a second crèche opened in the *Jardin de Luxembourg* (6th). It also comprises bio-sourced materials and the modules were installed in just 48 hours, thus reducing disturbance from noise.



The City received a Territoria gold award for creating the *Trousseau crèche* (12th)

The Saint-Vincent-de-Paul joint development zone circular economy strategy (14th)

60% of existing buildings in the future Saint-Vincent-de-Paul district (14th) will be retained and renovated. The materials from demolished buildings will be recovered as far as possible and reused on-site or elsewhere. For example, window frames will be reused for greenhouses. 1,200 front, interior and wardrobe doors will also be reconditioned, to mainly make chairs. Development activities on the site, which is currently partly occupied by *Les Grands Voisins* initiative, are already trialling circular economy systems. In 2019, for instance, urine collected from 2 prototype public female dry toilets was used to make natural fertiliser for farming in Île-de-France.



THE PARIS GOOD FASHION ASSOCIATION IS WORKING FOR MORE RESPONSIBLE FASHION IN PARIS

Created in January, the association represents some thirty fashion houses, including large groups like Chanel and LVMH, as well as new brands and professional bodies, NGOs and eco-responsible organisations. Workshops have been organised to define tangible activities for several key subjects, such as improving practices during *Fashion Weeks* or reviving the *Made in France* wool brand. The association also plans to run communication campaigns targeting the fashion industry and the general public.

LES CANAUX (19th) RUN COUNTLESS AWARENESS-RAISING AND SUPPORT ACTIVITIES ALL-YEAR-ROUND

In March, the Social and Solidarity Economy Centre took in 15 furniture-making ventures for an 18-month support programme as part of its *Circular Booster* initiative. In June, *Les Canaux* hosted the 3rd *Ethical and Solidarity Fashion Festival*. During the summer, the people of Paris were invited to the terrace and think about the "city of the future". A solidarity-based Christmas market was also organised in December.



The terrace at *Les Canaux* (19th) is entirely made from recovered materials



The City has been giving grant support to **35**

new restaurants and shops dedicated to responsible consumption (excl. re-purposing and repair workshops) since 2014



3 new responsible fabric shops in the 11th, 14th and 15th arrondissements



9 general purpose collection and recycling depots and **6** specialist recycling centres operating in Paris



27 winning start-up companies in 2019 from the Circular Economy Incubator (Paris & Co innovation platform for the circular economy)



66,500 direct jobs created by the circular economy in Paris, worth **7 billion euros** in annual added value



€3.2 M in grant funding allocated to property operators for low-rent accommodation initiatives, targeting project sponsors with a social dimension (collection and recycling depots, DIY tool libraries and employability organisations)

Zero-waste strategy

Paris makes it easier to sort waste

Since 1 January 2019, all packaging and paper can be deposited in the yellow containers. This simplified refuse deposit measure should generate more recycling and less incinerated waste. The City is also introducing Trilib' self-service waste sorting points in public areas. Finally, Paris is testing food waste collection schemes. After trials in the 2nd and 12th arrondissements, the City expanded the scheme in the autumn, to the 19th arr. 245,000 Parisians can now sort their food waste. The resulting refuse is used to make compost for farmers in the Paris area or converted into biogas to run buses and skip trucks in the city.



The City has tested Trilib' waste sorting points since 2017, in 4 arrondissements (2nd, 13th, 18th and 19th), and 1,000 of them will eventually be installed

Arrondissement councils sign a charter to combat waste in school canteens

Arrondissement councils adopted anti-waste charters in school canteens for the *International Day of Awareness of Food Loss and Waste*. The charters apply to 130,000 children in 652 Paris schools, representing almost 20 million meals each year. They provide for measures such as the presence of a dietician in primary school classes and organisational changes to self-service cafeterias, with two plate sizes, waste sorting benches and waste-o-meter, etc.



A ZERO-WASTE CITY TRIAL HAS BEGUN IN THE DANUBE DISTRICT (19th)

It is based on a collective assessment undertaken with local associations and schools. The trial began with an information campaign for partners, such as associations, tenants and caretakers groups before being expanded to target the local residents. Screenings and debates were, for example held, together with hands-on workshops. Paris Habitat, the City's social landlord now wants to continue running the trial in the district.

Rubbish collections:

5.5 kg

less refuse collected per resident in 2019 compared to 2018 (a drop from 505.5 to 500 kg per resident from 2018 to 2019)

135

tonnes electrical and electronic waste collected by solidarity waste collection schemes

16%

less household waste collected in the *Zero waste street* (Rue de Paradis - 10th arr.), between December 2018 and June 2019

100

Parisian families take part as volunteers in the 2nd *Zero-waste family challenge*

1,070

waste sorting containers installed in public gardens since 2017 for more effective waste sorting and replacing old bins

Bio waste:

3,547

tonnes of food waste were collected and processed in 2019

18

open-air food markets now subject to collection and redistribution schemes for unsold food (new public service delegation)

842

community composting sites operating (Council-owned housing and public bodies) by late 2019

30

neighbourhood compost bins in operation by late 2019

1,659

new worm composters distributed to households

97,356

Christmas trees collected and recycled, i.e., approx. 2,000 m³ of shredded material (15% more than 2018)

97%

of domestic waste skip trucks run on NGV or bio NGV

In community outreach centres:

15.7

tonnes of boxes saved in 2019 in solidarity restaurants following a general information campaign for suppliers

7

waste sorting benches installed Emeraude and Solidarity restaurants

202

tonnes of biowaste collected in community outreach centres in the City of Paris

Sustainable food

The Sustainable Food Days campaign informs people about the issues and benefits of a sustainable diet

The City organised "*Paris bien dans son assiette*" (i.e. *Paris on a Plate*) on 15 to 23 June. The event focuses on sustainable food, with conferences and activities all across the capital. Parisians learned more, in particular, about the sourcing local, seasonal, organic produce and diets containing more vegetables. A vegetarian recipe competition was also organised with Chefs from the City's Council-run canteens and restaurants.

The Food for All call for projects contributes to food solidarity efforts

25 projects were selected and funded by the *Participatory Budget* at a sum of €1.5 M. The projects help organisations based in working-class neighbourhoods to develop food solidarity-related activities. They include making shared kitchens available to those without means to cook for themselves and forge bonds. There are also innovative projects, particularly in activities to recover unsold items and pass them on to those experiencing hardship, as well as the growth of solidarity restaurants that foster employability.

The City supports solidarity businesses

Paris Habitat opened the first pop-up grocery store in the city's 19th arrondissement, run by the VRAC Association (acronym for Switching to a Group Purchasing Network), with support from the City. This social and solidarity-based venture offers organic, ethical produce at affordable prices for social housing tenants. Also, *Les Grains de Sel*, a new cooperative and participatory supermarket in the 13th arr. has been funded by the *Participatory Budget*.



Farinez'vous Vers l'Emploi, a bakery sector employability scheme, run by the *Les Amis de Farinez'vous* Association provides training to residents in less-affluent neighbourhoods to learn about making and selling bakery products



Paris is the biggest public sector buyer of organic produce in France



53.1% of food produce served in collective catering facilities is sustainable, with a total of **46.2%** of produce sourced from organic agriculture



100% of bread provided in Émeraude restaurants is organic



53.1% of food produce served in school canteens is sustainable, with a total of **45.8%** of produce sourced from organic agriculture



90.5% of food produce served in Paris' crèches is organic, with a total of **85%** of produce sourced from organic agriculture, including **100%** organic milk

A cleaner Paris

PARIS EXTENDS THE EMERGENCY CLEANING SCHEME TO THE ENTIRE CAPITAL

Emergency cleaning teams are mobile versatile and highly alert hit-squads tasked with quickly responding to any reports of uncleanness from arrondissement councils or directly from Paris residents via the *InMyStreet* app. After a 12-month trial in the north of the city, the scheme has gradually been introduced to all arrondissements.



ACTIVITY CAMPAIGNS IN LESS-AFFLUENT NEIGHBOURHOODS

The exhibition, "*Waste Super Heros*", organised by the *Clichés Urbains* Association, has informed residents in the *Ourcq-Léon Giraud* building (19th) about cleanliness, with 20 portraits of workers tasked with keeping public spaces clean. Streets in the Michelet and Alphonse Karr districts (19th) were the venue for an open-air exhibition from 15 June to 15 September. The subject was "The power of our behaviour" featured 8 portraits of Council waste collection workers, maintenance technicians and building caretakers. In October, a *Clean-up Day* campaign was organised at the *Place Marthe Simard* (14th).



240 solar-powered compacting bins, each one equivalent to 5-7 conventional bins



18 Emergency cleaning vehicles travel around Paris each afternoon to perform urgent cleaning tasks and hot-spots of uncleanness



€1.77 M of orders to renew cleaning equipment



100% of pavement cleaning vehicles now have diesel-free alternative engines



18 Cigarette butt-free streets



50,000 cigarette butts collected in 15 Cigarette butt-free streets when the scheme was introduced in May



255 abandoned bikes and 72 wheels recycled in REPAR repair workshops, as part of an agreement with the City

Exemplary administration

→ Paris is the top local authority to include the circular economy in the overall public procurement process for demolition/dismantling, for all the City's activities (over 4 years). It has shared its experience countrywide to help other contracting authorities adopt the same practice.

→ Paris adopts the search engine, Qwant, for all Council computer workstations. It guarantees data confidentiality and does not generate sponsored ads.

→ The City introduced a procedure in May 2019 to pool purchases and limit the number of deliveries, while encouraging alternative solutions and cutting consumption.

→ The Council's badge-based printing system now automatically deletes uncollected printing requests on a nightly basis. This accounted for 18.9 badge printing requests in 2019 and helped save 274 trees (according to Watchdoc software).

→ Cleanliness in the City of Paris, Victor Hugo's house on the island of Guernsey was renovated and completed in April. The initiative was the opportunity to undertake a large-scale restoration work, especially on the wood and glazing.



Public procurement:

70.69%
of cross-disciplinary contracts have an environmental dimension (68% in 2018)

53.89%
of the City's centralised public service contracts now contain circular economy clauses compared to 43.3% in 2018

25.56%
of the City's centralised public service contracts now use eco-materials and/or eco-designed materials

71.37%
of the City's centralised public service contracts now have an end-of-life recycling/reuse clause and/or a waste elimination organisation and monitoring masterplan or a waste elimination organisation and management masterplan

Waste generation:

360
community composters installed in public service facilities, including 267 in schools

20%
reduction in reams of paper ordered between 2015 and 2019

14%
less sheets of paper printed on in Council offices compared to 2018

100%
of paper recycled for administrative use

25
tonnes of paper avoided annually by switching building permit applications to electronic format (applies since 1 April 2019)

100%
organic and fair trade clothing for agents

Bio waste collected from large municipal producers (more than 10 t/yr)

810
tonnes collected in 102 municipal restaurants

335
tonnes collected from 8 indoor food markets

1,365
tonnes collected from 53 open-air food markets

Reusing/recycling:

780
items of municipal furniture and fittings reused

4.5
tonnes of work garments collected for recycling

1,783
tyres from municipal garages collected and recycled (excl. HGVs)



Paris international

→ Together with 6 other pilot cities, Paris won an award for the European Reflow Project, to create circular resource ecosystems in cities. It has agreed to develop its activities over a 3-year period to recover waste, especially wood, from the events industry.

→ Paris was able to support two development projects in 2019 for household waste management through the SOLIDAE call for projects. These involved international solidarity associations in Morocco and Cameroon, who received a total of €146,748 Parisian school catering with partner cities (Beirut and Amman): canteens for all, affordable pricing, organic agriculture and short supply chains.

37.7
tonnes of waste from workshops collected, including 52.16% for energy recovery and 47.84% for materials to be recovered

Credits



Presentation to Paris City Council, November 2020

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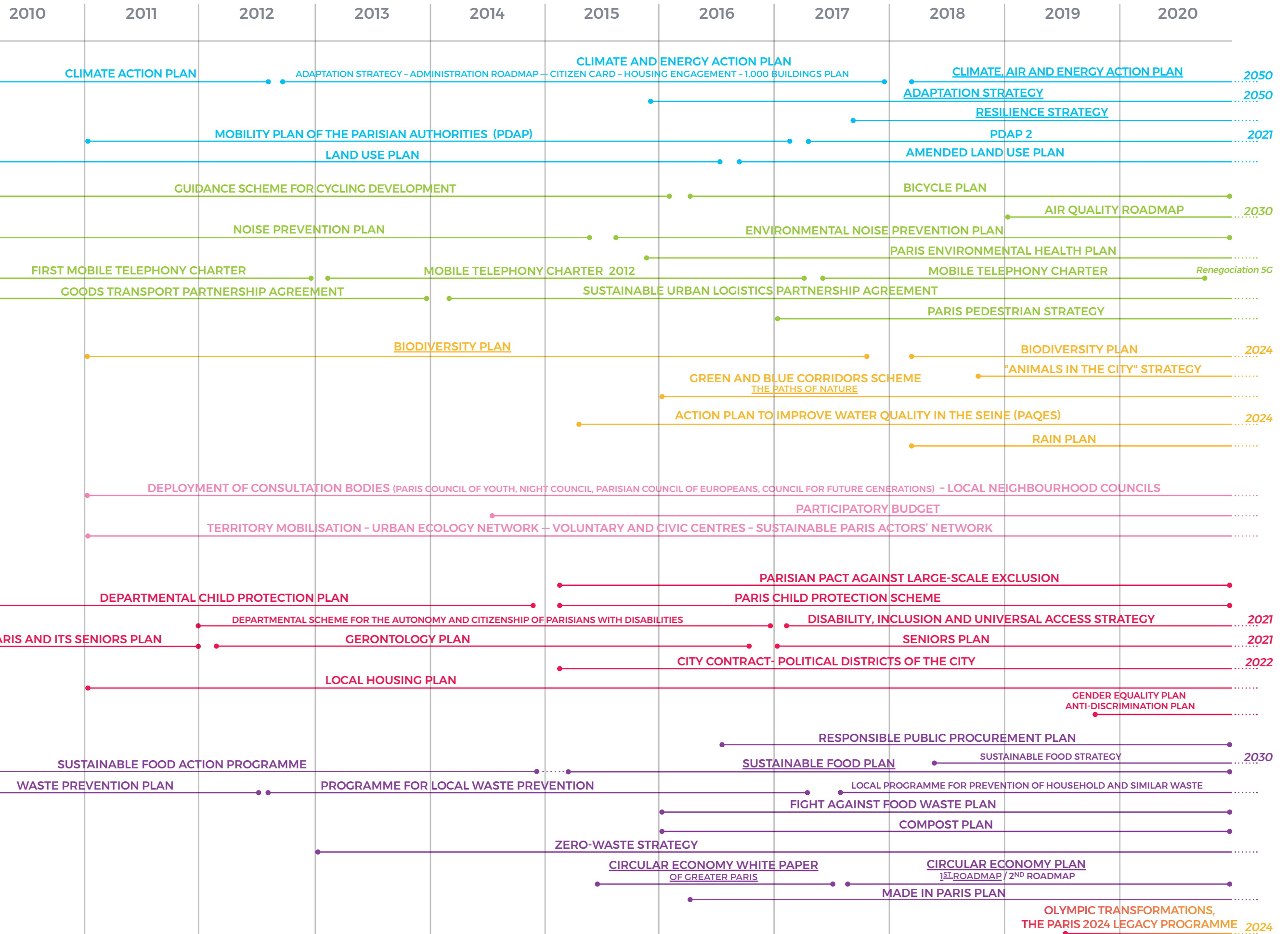
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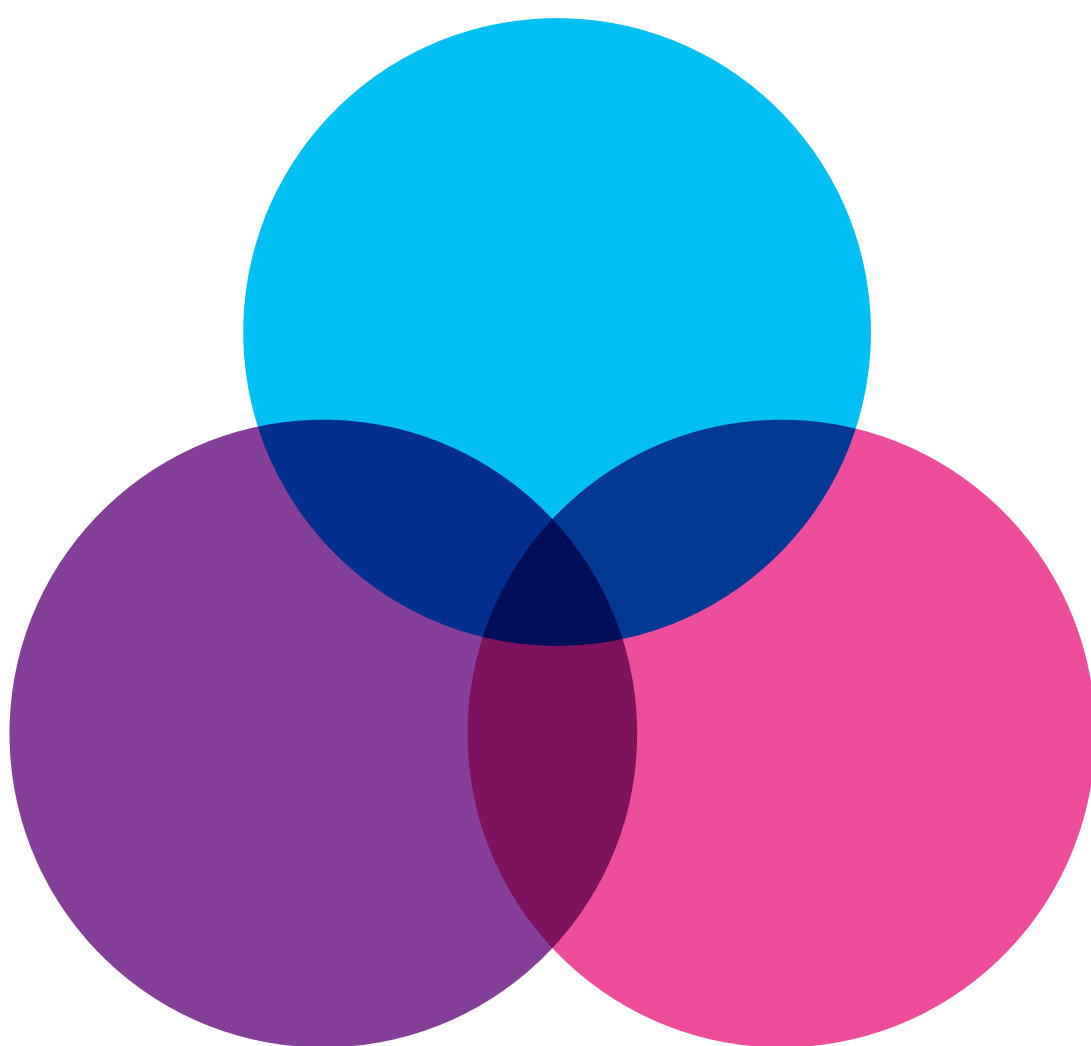
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