Paris Region, an innovation powerhouse

#1 in Europe for R&D (2016)

The highest amount of R&D expenditure in Europe

- **Paris Region R&D expenditure**
  - 162,049
  - €19.749 b
  - 6.6% of EU and 39.8% of French R&D expenditure
  - R&D is 2.98% of Paris Region’s GDP

The largest R&D talent pool in Europe

- **Paris Region R&D workforce: 162,049 including 115,117 researchers**
  - These professors, researchers, engineers, technicians and support staff work in universities, Grandes Écoles, public institutes and companies.

Paris Region, the best place in Europe to source R&D talent

- **162,049**
  - 115,117
  - 46,167
  - 38,652
  - 44,147
  - 59,726
  - 58,891
  - 48,701
  - 46,592

Source: Ministry of Education, Higher Education and Research, data 2016

Internationally recognized technological and scientific skills in Paris Region

The #1 European region for research & development expenditure

Europe's top 5 regions by R&D expenditure (millions of euros in 2015)

11 Fields Medals
4 Abel Prizes

the two most prestigious awards in mathematics

The highest number of people employed in the fields of science and technology and scientists and engineers in Europe
(Eurostat data 2017)

25,160 students enrolled in doctoral programs, i.e. 37% in France
(Eurostat, data 2016)

7,682 patents filed, i.e almost half of the patents filed in France
(INPI, data 2016)

Paris Region is the European leader, and accounts for 5.1% of all European patent applications in EU-28.

#3 region in the world in volume of papers in international journals ($1,000) behind Beijing and Tokyo
(Elsevier/Scopus, data 2014)

Nearly 500,000 scientific publications registered in Paris Region, mainly in the fields of medical research, physics and astronomy, engineering sciences, biochemistry, genetics, and molecular biology, according to the Scopus database, between 2004 and 2014.

(IAU Île-de-France - Source OST)

5,265 foreign researchers in Paris Region
(FNAK, data 2017)

42.1% of foreign researchers in France
(FNAK, data 2017)

Paris, European leader and #9 in the world of the Global Innovation Index 2018 of clusters
(OMPI 2018)

32 Nobel Prizes
Ecole Normale Superieure, top Nobel producing undergraduate institution in the world in 2016

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Paris Region boosts your innovation

Paris Region’s diversified economy is buzzing with top-ranked high-tech clusters and research centers. This unique landscape generates exciting opportunities for cross-sector collaboration. For example, combining IT and healthcare, or automotive and eco-technology.

Over 2,500 projects

€8.6b of total funding

Aeronautics, space and defence

345 members, incl.
132 major groups,
132 SMEs,
49 labs and teaching institutions

73 projects funded since the cluster was founded
Total funding: 313 million €

Digital & ecological transition

1,070 members, incl.
73 major groups,
810 SME’s,
75 labs and teaching institutions
10 investments funds
5 urban communities

800 projects funded since the cluster was founded
Total funding: 1,650 million €

Perfumery and cosmetics

525 members, incl.
65 major groups,
460 SME’s,
130 labs and teaching institutions

350 projects funded since the cluster was founded
Total funding: 370 million €

Rubber and polymer industry

138 members, incl.
11 major groups,
98 SME’s,
4 start-ups,
25 labs and teaching institutions

89 projects funded since the cluster was founded
Total funding: 265 million €

Financial services

500 members, incl.
160 major groups,
300 SME’s,
20 labs and teaching institutions

28 projects funded since the cluster was founded
Total funding: 80 million €

High-tech healthcare and new therapies

410 members, incl.
25 major groups,
346 SME’s,
34 labs and teaching institutions

335 projects funded since the cluster was founded
Total funding: 1,800 million €

Transport and mobility

374 members, incl.
41 major groups,
233 SME’s,
37 labs and teaching institutions,
14 local authorities & institutional bodies

251 projects funded since the cluster was founded
Total funding: 1,112 million €

European innovation and technology cluster in digital and Deep Tech

900 members, incl.
150 major groups,
590 start-ups / SME’s / mid-cap companies,
140 labs and teaching institutions,
20 investors

625 projects funded since the cluster was founded
Total funding: Over 3 billion €

Sources: ASTech, Cap Digital, Cosmetic Valley, Elastopôle, Finance Innovation, Medicen, MoVeO, Systematic (data 2018)