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FRANCE ENERGY PUBLIC R&D STATISTICS : TAKING INTO ACCOUNT ITER PROJECT

**Sous-Direction des Statistiques de l'Énergie
Service des Données et Études Statistiques
Commissariat Général au Développement Durable**

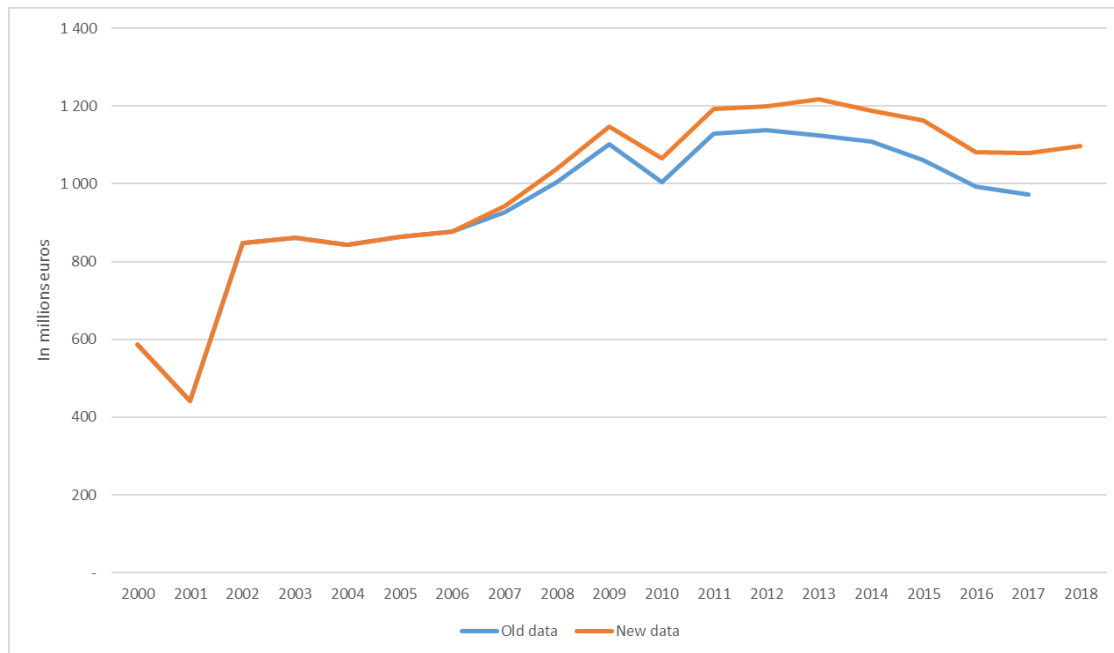
France RD&D public spending on energy methodology

- France RD&D public spending is measured from a **funder perspective**. The data are derived from the budget of 14 public structures
- **Local authorities expenditure** is excluded due to the lack of an information system, same as **stated owned enterprises** in the energy sector (Electricité de France (EDF), Réseau de Transport d'Électricité (RTE) and Orano) because of the business secrecy rules applicable in France.
- In 2019, French public spending on energy R&D amounted to €1,163 million Euros (nuclear power represented 2/3).
- Data are published on the website of the statistical service of the Ministry of Ecological Transition
 - <https://www.statistiques.developpement-durable.gouv.fr/les-depenses-publiques-de-retd-en-energie-en-2019-hausse-des-financements-alloues-au-nucleaire?>

Impact of adding Iter project data since 2006

- In 2019, for 2018 data, we improved our methodology by collecting data on **International Thermonuclear Experimental Reactor (Iter) project** : a civil nuclear fusion research reactor in Cadarache (south of France).
- We take into account direct expenditure of France through the French Alternative Energies and Atomic Energy Commission (CEA).
- The CEA has provided us data since 2006. So we could revise total data from 2007 to 2017 (see next slide)
- In 2019, the ITER project represented 150 Million Euros, about 13 % of total French energy R&D expenditure (105 M€ in 2017 and 133 M€ in 2018)
- Indirect funding related to the ITER project, via Euratom, is excluded from our submission to IEA.

Revising total expenditure from 2006 to 2017





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