H2020 Euratom Nuclear Fission
Update From DG RTD

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CHANDA Ex-Com, CIEMAT (ES), 6 February 2015
H2020-Fission-Call 2014-2015

Geological disposal

- Reactor systems
  - Safety of existing nuclear installation
  - Advanced nuclear systems for increased safety
  - Transmutation
  - Cross-cutting aspects

Radiation protection

- ~ €15M
- ~ €45M
- ~ €20M
- ~ €30M

Research infrastructures
- Training and mobility
- Cross-cutting

Grand Total 2014-2015: ~ 110 M€


H2020 Energy Information Day Agenda, Info, Web streaming
http://ec.europa.eu/research/conferences/2013/energy_infoday/infoday_energy_en.htm
<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Adoption Legislative Act</td>
<td>11/12/2013</td>
</tr>
<tr>
<td>Publication</td>
<td>11/12/2013</td>
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<tr>
<td>Deadline ...........................................</td>
<td>17/09/2014 @ 17:00</td>
</tr>
<tr>
<td>Evaluations ........................................</td>
<td>29/09/2014 – 24/10/2014</td>
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<tr>
<td>Negotiations ......................................</td>
<td>1/12/2014 – 28/02/2015</td>
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<tr>
<td>Deadline NFRP16 (VVER Fuel licensing) ..........</td>
<td>20/11/2014 @ 17:00</td>
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<tr>
<td>Grant Agreement signature........................</td>
<td>02/2015</td>
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<tr>
<td>First projects launched ...........................</td>
<td>02/2015</td>
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*Total Costs 376 Mi€  
EC Requested 227 Mi€*

64 proposals...

Evaluations launched and being finalised

Update Dec. 2014

Delays

From March 2015

Euradwaste and FISA 2013, 14-17 October, Vilnius, Lithuania

Proceedings now available

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European Nuclear Gen II, III, IV Days
17-19 March 2015, Brussels

SNETP, NUGENIA, ESNII & NC2I event
To discuss today’s achievements and the way forward

Information available at http://www.snetp.eu
(1) **how** can the European research infrastructure system **effectively support** the European research agenda,  

(2) **the best use of resources** at European and national level and  

(3) **how to ensure a long term sustainability** of such access to infrastructure schemes.

A session also addressed **mechanisms linked to the possible creation of a EU network** to coordinate and promote open access to nuclear research infrastructure within the EU.

The **outcomes** of the Forum will be the **basis for further actions and decisions at EU level**.
H2020-Fission-Call 2016-2017

Geological disposal

~ € ? M

Reactor systems

• Safety of existing nuclear installation
• Advanced nuclear systems for increased safety
• Partitioning, Transmutation and Fuel cycle
• Cross-cutting aspects

~ € ? M

Radiation protection

~ € ? M

Research infrastructures

Training and mobility

Cross-cutting

~ € ? M

ETPs

Grand Total 2016-2017:
~ 50 M€ / Year
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>27 November 2014</td>
<td>Euratom Programme Committee (PC) meeting: discussion of the Scoping Paper</td>
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<tr>
<td>End of February</td>
<td>Euratom PC discussion of 1st WP draft</td>
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<tr>
<td>Mid - April 2015</td>
<td>Euratom PC discussion of 2nd WP draft</td>
</tr>
<tr>
<td>Mid-May 2015</td>
<td>Final draft Euratom WP</td>
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<tr>
<td>During June 2015</td>
<td>Internal Commission consultation process</td>
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<tr>
<td>July 2015</td>
<td>Formal consultation of Euratom PC on WP 2016-17</td>
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<tr>
<td>September 2015</td>
<td>Adoption of the WP and publication of the call(s) for proposals</td>
</tr>
<tr>
<td>1st Quarter 2016</td>
<td>Evaluations</td>
</tr>
<tr>
<td>2nd Quarter 2016</td>
<td>Negotiations and Launch of the selected projects</td>
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</table>
Available Links

- EU Energy research: http://ec.europa.eu/research/energy/index_en.htm
- Information on FP7 and access to programmes and calls: http://cordis.europa.eu/fp7/home_en.html

- CORDIS publications
  - Euratom FP6 Research Projects and Training Activities, Volume I-II and III (PDF)
  - Euratom FP7 Research Projects and Training Activities, Volume I (PDF)

- Research*eu magazine http://ec.europa.eu/research/research-eu/index_en.html
- MFF Multi Financial Framework 2014 – 2020 and Horizon 2020
  - 2013 Symposium on ‘Nuclear Fission research for a low carbon economy’
Many thinks....

Find out more:
www.ec.europa.eu/research/horizon2020