In-Kind Contributions
Management

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www.europeanspallationsource.se
ESS In-kind Contributions (IKC) Definition

What: A *non-cash contribution in labor or material to ESS.*

Why:

- ESS is a greenfield project – we need the knowledge, capacity and contributions of Europe’s best experts.
- Large RI’s today require cooperation due to scale allowing more work to be completed in parallel

How:

- Technical components for the facility (also personnel needed to perform the testing, installation and/or integration)
- R&D work (also personnel needed to perform the work)
- Personnel made available for specific tasks during the construction phase
- Other products and services relevant for the completion of the facility
Construction Investment

**CURRENT**

- **Sweden** (member) 35.0 %
- **Denmark** (member) * 12.5 %
- **Germany** (member) * 11.0 %
- **United Kingdom** (member) 10.0 %
- **France** (member) 8.0 %
- **Italy** (member) 6.0 %
- **Spain** (founding observer) * 5.0 %
- **Switzerland** (member) 3.5 %
- **Norway** (member) 2.5 %
- **Poland** (member) 2.0 %
- **Czech Republic** (member) 2.0 %
- **Hungary** (member) 0.95 %
- **Estonia** (member) 0.25 %

**Total * ~97.5 %**

**FUTURE**

- **Belgium** (founding observer) tbd
- **Netherlands** (founding observer) tbd
- **Lithuania** (future observer) tbd
- **Greece** (future observer) tbd
- **Turkey** (future observer) tbd
- **Latvia, Portugal, Finland** tbd

*Includes Pre-construction Costs, Current Construction Commitment ~97.5%.*
What areas have In-kind?

Integrated Control Systems (ICS)

Linear proton accelerator

Target station

Neutron science systems
Construction cost: €1,84 Billion
In-kind: €747.5 Million

ESS In-kind Goals

- Controls: €73 M (€36.5, €36.5)
- Target: €54 M (€101)
- Instruments (NSS): €155 M (€122, €228)
- Accelerator: €510 M (€128, €382)

IKC
Cash

40.5%
ESS In-kind contributions – General principles

- Potential in-kind contributions are defined by the ESS Programme Plan
- Values based on ESS Cost Book
- Each contract to follow the approved template + technical annex
- The delivering party is responsible for the contribution (technical, financial)
- In-Kind Review Committee to evaluate all IKC agreement proposals
- ESS Council to approve all in-kind contracts
- Based on final evaluation the Member Country gets accredited the value of the In-Kind Contribution
The ESS Collaboration Framework

ESS Project

Industrial Liaison Officers

In-kind Review Committee

Funding Agency

ESS Council

In-kind Partner

Industrial Partner
More Information

https://europeanspallationsource.se/partners-and-industry
IKC Agreements

https://europeanspallationsource.se/pages/ikc-agreements/

These are the In-Kind Contribution (ICK) Agreements that have thus far been signed between ESS and its Partners. These agreements have been approved by the ESS In-Kind Review Committee and the ESS Council.

<table>
<thead>
<tr>
<th>NO.</th>
<th>ESS PROJECT</th>
<th>COUNTRY</th>
<th>IKC PARTNER</th>
<th>WORK PACKAGE DESCRIPTION</th>
<th>COST BOOK VALUE (KLM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Accelerator</td>
<td>Hungary</td>
<td>Atomki</td>
<td>RF Local Protection System</td>
<td>2 000</td>
</tr>
</tbody>
</table>
IKC Agreement documents online

https://europeanspallationsource.se/kind-document-downloads
Summary

• Much of ESS is built by ‘in-kind’ partners all over Europe
• EUR 293m value scope signed with Partners (96 TA-s)
• In-kind Contributions (IKC) are schedule critical – they define the critical path for the ESS construction project
• The ESS perspective is that an IKC relationship is not a supplier/customer relationship – it is an equal partnership with specific roles
• We are working for best value for ESS, keeping in mind IKC objectives of the Members, both overall and by country
Any questions related to In-Kind?

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