



## Disco Project Newsletter No.1, July 2017

### Latest news

#### **The Disco project has started!**

The Disco project is a Collaborative research project that will run from June 2017 to May 2021. Sixteen organisations from eight countries will join forces to tackle the remaining issues concerning spent nuclear fuel dissolution in a repository environment. New types of fuel with additives (“doped fuel”) and MOX fuel will be investigated.

#### **Successful Kick-off Meeting**

The project kick-off meeting was held in Brussels 13 June 2017. A short report from the meeting is given on page 2 of this newsletter.

#### **The Web page is launched**

The web page will be central for all project dissemination and communication activities. The project web page is now operational, and is found on:  
[www.disco-h2020.eu](http://www.disco-h2020.eu)

#### **Plan for First Annual meeting**

The first annual meeting is planned to take place in the UK in May 2018. The location will likely be Sheffield. More information will soon be posted on our web page.

### General progress

First of all, a big THANK YOU to all Disco project participants for the work you have contributed with during what felt like a long project preparation time. Thanks to you we can now look forward to four years of exciting and, I am sure, fruitful collaboration.

One of the main developments during the Grant preparation period was the inclusion of regulating authorities, in addition to Waste Management Organisations, in the End User Group (EUG). The EUG now includes the regulators in Belgium, Germany, Spain, Sweden, and Switzerland. In addition, the UK regulator joined the Associate Group.

The project has now passed its first milestone (the kick-off meeting), and it is clear that all partners are eager to get started. In fact, I think some may already have! This looks promising for our first year!

- Lena Z Evins, Disco Project Coordinator

**Want to know more?** Go to:

[www.disco-h2020.eu](http://www.disco-h2020.eu) , or email [disco@skb.se](mailto:disco@skb.se)



LinkedIn Group: DisCo-H2020

# SHORT REPORT from the Disco Project Kick-off meeting, 13 June 2017

## Disco in Brussels

The Disco project started 1st June 2017, and the kick-off was held as a one-day meeting in Brussels, Belgium 13 June 2017. It was attended by 40 people from the 8 participating countries (BE, CH, DE, ES, FI, FR, SE, UK).

The morning session was devoted to presentation of the project structure and work packages. As a background and introduction, Christophe Davies (EC) presented the current and future Euratom research programme, including the expected change to a European Joint Program in the Radioactive Waste area. The leaders for the five work packages (see table) then proceeded to present the planned work.

## Afternoon discussion

In the afternoon, Lara Duro (Amphos 21) and Enzo Curti (PSI) led a discussion aimed to clarify what the modellers need and what data the experimentalists plan to and can deliver. This initiated the work related to the first deliverable in WP5 which should document

WP1	Management, Coordination and Dissemination	Lead: Lena Z Evins, SKB
WP2	Preparation of samples and chemical systems	Lead: Ian Farnan, University of Cambridge
WP3	Spent Fuel dissolution experiments	Lead: Ernesto Gonzalez-Robles, KIT-INE
WP4	Model systems dissolution experiments	Lead: Dirk Bosbach, FZ Jülich
WP5	Chemical modelling	Lead: Lara Duro, Amphos 21

the agreement between the modellers and experimentalists on conditions for the experiments.

## First year events

During the first year, quite a few deliverables from WP1 will be prepared, including plans for papers, webinars, and mobility measures. The sample preparation work will be started at once, while the dissolution experiments necessarily will start once the materials are finally ready and characterized. The first annual meeting was decided to be held in the UK in May 2018: exact dates and location will be decided later.



The participants of the Disco kick-off meeting in Brussels, happily looking forward to the work and fun that lies ahead.