The Data-Driven Bioeconomy project, DataBio, is led by 48 partners from 17 countries that collaborate to achieve its main goal to demonstrate the benefits of Big Data technologies in the raw material production from agriculture, forestry and fishery/aquaculture sectors in Europe. DataBio focuses on utilizing Big Data to contribute to the production of the best possible raw materials from agriculture, forestry and fishery/aquaculture for the bioeconomy industry, in order to produce food, energy and biomaterials, also taking into account various responsibility and sustainability issues.

In order to enhance such key objective, in the last months the DataBio partners organized and participated to significant events all around Europe, the details of which are presented herein.

Valmiera INSPIRE Hack 2018
On 30th – 1st of May, 2018 the Valmiera INSPIRE Hack 2018, was held. The main objective of the Valmiera INSPIRE Hack was focusing on introduction of technologies and data sets used in cooperating projects to students of the Vidzemes University of Applied Sciences (ViA) in Valmiera in Latvia. The majority of the participants of the Hackathon were 2nd year students of the Information technologies programme from the ViA. The students could choose tasks prepared by mentors before start of the event or they could...
The event was organized by the ViA in cooperation with several European projects, including DataBio.

To know more regarding the event, [click here](#).

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**DataBio code camp**

From the 27th - 29th of March this year, the DataBio code camp in Darmstadt took place. During the camp, the web map application, displaying data from selected WMS time services from Copernicus Marine Environment Monitoring Services as well as some custom WMS-T services that are needed for DataBio project was created.

[Click here](#) for more!
Agriculture Domain Working Group in OGC

During the 107th meeting of the group, Karel Charvat from Lespro, who is involved in this initiative as a co-chair for Europe, gave a presentation of the DataBio project.

Click here to see the presentation!

DataBio triggering the youth!

Over the past 10 months (from M7 to M17 of the DataBio project) the popularity of the DataBio website has grown by almost 60%, with visits mainly from European countries. The majority of the audience are younger people (25-34 year of age).

To know more, click here!
DataBio meeting in Tromsø, Norway

At the first day of the DataBio meeting in Tromsø, Norway, on June 26th 2018, the project group was treated to a visit onboard two Norwegian fishing vessels. These were unloading their catch this day because the weather was bad – and allowed us to bring the whole project group onboard the two vessels to learn more about their data needs and sharing, and fisheries in general.

One of the groups visited Hermes. This vessel is part of a traditional, family owned fishing company. It uses modern methods and prioritizes quality, safety and the environment according to its website (www.hermesas.no). The participants were treated to a very knowledgeable ship owner, Jan Roger Lerbukt, and his captain, Åsmund Breivik, that shared their experiences and stories about deep sea trawling in Norwegian waters. They talked about data sharing, the technologies on the bridge (and experience needed) for discovering where the fish stocks are, and the management regime of Norwegian fisheries in general. The other groups visited Gadus Neptun, a vessel belonging to a larger company with 10 deep sea trawlers (www.havfisk.no). This group visited the bridge, as well as the trawl factory.
What did we learn? We learned that there are only 35 cod trawlers in Norway, and that they combined get access to 30% of the total quota for cod – the rest is shared by the coastal fishing vessels. We also learned that the largest expense for the company was salary, without a doubt. Not only is this natural, but it is even more special in Norway in that the salary is based on the profits made by the company based on the catch – the crew share 35% of the profits between them. This gives them an incentive to work harder, better and not cut corners – since a higher quality catch benefits them all. Besides salary, fuel and maintenance costs ranked highest among expenses – all other expenses where equal.

Want to learn more about Hermes AS? Their website is www.hermesas.no

On June 27th, local stakeholders in the Tromsø area were invited to a stakeholder event to share knowledge and experience to support the continuance of the fisheries pilot. Ten stakeholders attended, representing sales organizations, fishermen and scientists. It was a fun event with lots of good feedback, which ended with good food and company. Thank you to all the stakeholders that helped develop this thorough and complex mind map of how important drivers affect their system!
NEXT EVENT

DataBio is coorganizers of the INSPIRES Hackaton 2018 in Antwerp, Belgium from 18th - 21st of September.

The main theme of the INSPIRE Hackathon 2018 is to easily integrate INSPIRES, GEOSS, COPERNICUS data With data from other domains using web APIs, and create value added applications.

The target domains include:
- Agriculture and sustainable bioeconomy
- Transport Applications for policy making