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| Searching for a Coordinator/Partner for | **The Green Deal – Farm to Fork** |
| Topic | **LC-GD-6-1-2020:** **Testing and demonstrating systemic innovations in support of the Farm-to-Fork Strategy** |
| Subtopic | **Subtopic C**. Reducing the dependence on hazardous pesticides; reducing the use and increasing the efficiency of fertilisers; reducing the losses of nutrients from fertilisers, towards zero pollution of water, soil and air.**Subtopic D**. Reducing the dependence on the use of antimicrobials in animal production and in aquaculture.**Subtopic E**. Reducing food losses and waste at every stage of the food chain including consumption, while also avoiding unsustainable packaging. |
| Organisation Details | Creme Global is a scientific modelling company, providing data analytics-as-a-service to large companies, government agencies and consortia in the chemical, cosmetics and food industries. A full-service solution from gathering complex scientific data from multiple sources, structuring, analysing and developing predictive models to extracting value and providing insight. Particular expertise in commercially sensitive and confidential data. Creme Global will design, develop, deploy and maintain your data solution on a secure, scalable cloud-hosted platform. |
| How we can contribute to this topic | **Subtopic C**: Creme Global are the creators of the CARES Model <https://caresng.org/> currently being used by pesticide companies and the US EPA to determine exposure levels. We have worked in this area for over a decade, so consequently, have deep expertise and have subject matter experts on staff. **Subtopic D**: We process genomic data and have developed predictive models for use in food manufacturing. We are currently exploring a project to optimise/eliminate the need for antimicrobial use through the deployment of predictive models to guide farm practice and enable a preventative approach to maintain animal (porcine) health and weight gain. **Subtopic E**: We have deep expertise in modelling food consumption and also modelling supply chain risk. We have developed a migration model for food packaging and are involved in an EU project (GloPack) on sustainable packaging. We are also involved in number commercial projects to evaluate the suitability of various plastic packaging and kitchenware items.  |
| Other information | We are currently involved in three EU projects and have been involved in many others over the years. We excel at data gating, cleaning, structuring, analysis, insight and predictions. We have particular domain expertise in food, pesticides and packaging. We see ourselves as an excellent fit for these projects and are keen to be involved.  |
| Previous Horizon 2020 projects | * SAFFI – (Safe Food for Infants in the EU and China) <https://cordis.europa.eu/project/id/861917>
* GloPack - (Granting society with LOw environmental impact innovative PACKaging) <https://cordis.europa.eu/project/id/773375>
* FACET – (Flavours, additives and food contact material exposure task) <https://cordis.europa.eu/project/id/211686>
* Protect – (Predictive modelling tools to evaluate the effects of climate change on food safety) <http://www.protect-itn.eu/>
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