

NEWSLETTER

OCTOBER 2015

CORNET is an international network that helps to increase the competitiveness of SMEs by funding pre-competitive Collective Research projects. CORNET combines existing national funding schemes and supports new funding organisations to introduce pilot actions and schemes.

NEW EXPANSION STRATEGY IS STARTING TO BEAR FRUIT

ALL-TIME HIGH: 20TH CORNET CALL RECEIVED 35 PROPOSALS



The 20th CORNET Call for proposals closed on 30 September 2015 establishing a new record in CORNET's history: 35 proposals have been submitted. CORNET will now perform an eligibility check, organise a joint evaluation by international experts and communicate the evaluation results to applicants in April 2016.

Since CORNET's start as a self-sustained network in 2011, the number of submitted proposals have been overall on a stable rise. Our success is the result of the great work of all the CORNET partners promoting CORNET in their country or region. Additionally, our efforts to expand the network are starting to bear fruits: in the 19th call we managed to

acquire a pilot project proposal with UK's participation, as well as two pilot project proposals with participation from Peru and Québec in the 20th Call.

INSIGHTS TO THE PROPOSED PILOT PROJECTS

19TH CALL: PILOT PROJECT WITH BRITISH PARTICIPATION

In the turbo-machinery industry the demand on increasing the economic and ecological efficiency as well as the reliability of components is essential to maintain a high degree of competitiveness. The main objective of the proposed British-German project is the development of a combined numerical and experimental approach for the 3D dynamic analysis of rotating components. Numerous suppliers in both countries which are mainly SMEs support the European turbo-machinery companies in developing technologies to increase the economic and ecological efficiency while maintaining their reliability.



Imperial College London

EPSRC (The Engineering and Physical Sciences Research Council) is supporting the participation in CORNET's 19th Call through a mechanism for funding industrially relevant PhD studentships in the UK (iCase). The project proposal successfully passed the evaluation by international experts receiving a funding recommendation in both countries. The project will be starting January 2016.

PARTICIPANTS

- Coordinating association: FVV – Research Association for Combustion Engines e.V. (Forschungsvereinigung Verbrennungskraftmaschinen e. V.)
- Researcher: TUD – Institute of Lightweight Engineering and Polymer Technology (Technische Universität Dresden)
- Researcher: ICL – Imperial College London

INSIGHTS TO THE PROPOSED PILOT PROJECTS

20TH CALL: TRILATERAL PROJECT PROPOSAL WITH QUÉBEC PARTICIPATION

For the first time CORNET has received a proposal with Québec participants. The trilateral project consortium consisting of Wallonia, Germany and Québec would be working on packaging possibilities for ovenable/microwaveable convenience foods. The packaging should be fibre based and will have a moisture management and aroma release function integrated into novel pads. The pressure for SMEs in the convenience food market is extremely high due to a broad involvement of companies with high research capacities.



The project consortium applied in the 20th CORNET call for proposals. The Government of Québec takes part with their new PSR-SIIRI (Programme de soutien à la recherche – Soutien à des initiatives internationales de recherche et d'innovation). The involved funding agencies will now check the proposal for eligibility and start the joint evaluation process.

PARTICIPANTS

- Coordinating Association: IVLV – Industry Association for Food Technology and Packaging (Industrievereinigung für Lebensmitteltechnologie und Verpackung e.V.)
- Association and Researcher: CELABOR
- Association and Researcher: ITEGA – Institut de technologie des emballages et du génie alimentaire
- Researcher: Fraunhofer IVV – Fraunhofer Institute for Process Engineering and Packaging (Fraunhofer Gesellschaft zur Förderung der angewandten Forschung e.V. – Institut für Verfahrenstechnik und Verpackung)

20TH CALL: GERMAN-PERUVIAN PROJECT PROPOSAL SUBMITTED



Peru has a strongly growing cocoa sector with regionally organised cooperatives and plantations, comparable to SMEs. A great fit for the intensively developed market of high-quality chocolates, produced by SMEs in Germany. The submitted proposal would cover the entire cocoa value-added chain from the farm to the consumer analysing and testing different compositions and cultivation conditions of the cocoa bean and its processing. It would start with the fresh fruit and seed material, fermentation processes, drying and roasting methods till the processed chocolate. In addition, chocolate demonstrators will be produced and assessed by consumers according to their sensory preferences and acceptance of different production possibilities.

The project consortium applied in the 20th CORNET call for proposals. Peru is participating as part of the 'centre of excellence' initiative (Centros de Excelencia), supported by FONDECYT (Fondo Nacional de Desarrollo Científico, Tecnológico y de Innovación Tecnológica). In this context, they are currently elaborating a proposal to establish a Center of Excellence for Cocoa in Peru. The involved funding agencies will now check the proposal for eligibility and start the joint evaluation process.

PARTICIPANTS

- Coordinating association: FEI – Research Association of the German Food Industry (Forschungskreis der Ernährungsindustrie e.V.)
- Peruvian association: APPCACAO – Peruvian Association of cocoa's producers (La Asociación Peruana de Productores de Cacao)
- Researcher: UHH – University of Hamburg, Hamburg School of Food Science, Institute of Food Chemistry (Universität Hamburg, Hamburg School of Food Science, Institut für Lebensmittelchemie)
- Researcher: HAW – Hamburg University of Applied Sciences (Hochschule für Angewandte Wissenschaften Hamburg)
- Researcher: JKI – Julius Kühn Institut, Berlin
- Researcher: UPCH – Universidad Peruana Cayetano Heredia, Lima
- Researcher: UNALM – Universidad Nacional Agraria La Molina, Lima

UPCOMING EVENTS

CORNET AND IraSME PARTNERING EVENT IN VIENNA ON 2 DECEMBER 2015

Do not miss the opportunity to partner up for the upcoming call for proposals with closure date end of March 2016. The next CORNET and IraSME Partnering Event will take place on 2 December 2015 in Vienna. The target groups of the event are SMEs, SME associations and research organisations interested in carrying out international collaboration projects.

Date: 2 December 2015

Venue: Hotel de France, Schottenring 3, 1010 Vienna, Austria

Time: 10:00 am to 16:00 pm



For detailed information visit the [CORNET website](#), to register follow this link to the combined CORNET and IraSME [registration tool](#).



The CORNET and IraSME Partnering Event is part of the European SME Week which will take place in 37 countries. For more information on the SME Week please visit <http://ec.europa.eu/sme-week>.

SAVE THE DATE: CORNET AND IraSME PARTNERING EVENT WITH FOCUS ON MECHANICAL ENGINEERING

On 28 January 2016 CORNET and IraSME will organise a joint Partnering Event in cooperation with the Enterprise Europe Network and ZENIT in Aachen, North-Rhine Westphalia. The event focuses on project ideas in the field of mechanical engineering. The Fraunhofer Institute for Production Technology IPT will be our host for the day. Please **save the date** – more information will be available on the [CORNET website](#) in due time.



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