



Horizon2020 Information Days on Public-Private Partnerships

Brokerage event
21 October 2014

***DIL - GERMAN INSTITUTE FOR FOOD TECHNOLOGIES
AS PARTNER IN SPIRE – H2020***

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SPRE
Sustainable Process Industry through
Resource and Energy Efficiency

DIL German Institute for Food Technologies

Institutional key capabilities:

- **Broad experience in FP7 programs, both as coordinator and partner**
- **partnership with many regional and international networks and collaborations**
- **clear interest in promoting knowledge exchange within the scientific community and the transfer of technology**
- **our diverse competencies and capabilities as well as our ability to convert new findings into solutions with applications make DIL an effective industry and research partner in Europe**

SPIRE-05-2015 (New adaptable catalytic reactor methodologies)

Capabilities as a partner:

- New Food Micro Plant based on thermal and mechanical processes support by Nestle PTC
- Micro process engineering
- Ultra High Pressure Homogenisation (UHPH): combination of disintegration and preservation
- High Pressure Processing (HPP): combination of product modification (starch, proteins) and preservation
- Pulsed Electrical Field (PEF): combination of disintegration and preservation
- mechanical engineering workshop also for prototypes
- extrusion pilot plant inclusively different mixing systems

SPIRE-06-2015 (Energy and resource management systems)

Capabilities as a partner:

- New Food Micro Plant based on thermal and mechanical processes support by Nestle PTC
- Micro process engineering RTD 5
- New Pulsed Electrical Field (PEF) approaches: combination of disintegration and preservation

SPIRE-08-2015 (Solids handling for intensified process technology)

Capabilities as a partner:

- HPP combination of product modification (any type of solid and compressible material) and preservation

CONTACT DETAILS

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Looking forward meeting you @ SPIRE Brokerage session
@ our table!