



Bavarian
Research Alliance

Mobilizing Universities of Applied Sciences for Horizon 2020

Summary of the Day Conference

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Universities of
Applied Sciences
GO Europe





Brendan Hawdon, European Commission, DG Research and Innovation

« Horizon 2020: Opportunities for Universities of Applied Sciences and Lessons Learned from First Calls »

First year of Horizon 2020:

- total budget of over 8 billion EUR closed
- more than 40.000 proposals submitted
- Average over-subscription around 7 times of the available budget
- first statistics on 2014 calls available end of March 2015

Lessons learned



Action points

- Address key features and novelties upstream in the work programme preparation cycle to ensure embedding in the priority setting as well as implementation
- over-subscription: Maintain challenge-based approach
- Excellent quality of evaluations. But: need of more experts (lack of innovation expertise and women experts)
- Improve presentation of Calls / Continuing monitoring the implementation of calls



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« Horizon 2020: Opportunities for Universities of Applied Sciences and Lessons Learned from First Calls »

Opportunities for Universities of Applied Sciences:

They are Key players in Horizon 2020 accross all of its priorities:

- Excellent Science on a bottom-up basis
- Industrial Leadership: Carry out partnerships with private sector
- Societal Challenges: Bringing together international and multidisciplinary teams

Could serve as a link between Research AND Innovation

- Focus on practical skills
- Partnership with business
- Close to market activities

Excellent position to benefit from new features of Horizon 2020.

Presentations by Universities of Applied Sciences



HoGent



METROPOLITAN
UNIVERSITY COLLEGE

METROPOL

HOCHSCHULE
WEIHENSTEPHAN-TRIESDORF
UNIVERSITY OF APPLIED SCIENCES





- **Coburg University of Applied Sciences and Art**, Prof. Dr. Jürgen Krahl
 - Diesel R33 (Automotive Engineering)

- **Hanze University of Applied Sciences Groningen**, Prof. Dr. Han de Ruiter
 - SPEACH – Sport Physical Education and Coaching in Health

- **OTH** (East Bavarian Institute of Technology) **Amberg-Weiden**, Prof. Dr.-Ing. Hans-Peter Schmidt
 - Contactless Power and Data Transfer

- **University of West Bohemia**, Mrg. Jaroslav Šip
 - Human Body Modelling and Monitoring

- **Kempton University of Applied Sciences**, Prof. Dr.-Ing. Andreas Rupp / Charlotte Wallin
 - Connected mobility and automotive engineering

- **ADISIF** (Association des Directions des Instituts Supérieurs Industriels Francophones), Anne De Smedt
 - Project Balancing Profitability and Environment Thanks to Rapid Manufacturing and Eco-design



- **University of Applied Sciences Upper Austria, Prof. Dr. Johann Kastner**
 - QUICOM / Space – Quantitative Inspection of Complex Composite Aeronautic Parts Using Advanced X-ray Techniques

- **Metropol – Metropolitan University College, Linda Schumann-Scheel**
 - Healthy Food

- **Weihenstephan-Triesdorf University of Applied Sciences, Prof. Dr. Patrick Ole Noack**
 - Greenhouse Gas Management in European Land Use Systems

- **CEITEC – Central European Institute of Technology, Prof. Pavel Václavěk**
 - Cybernetics in Material Science (Motor Brain)

- **HoGent – University College Ghent, Ms Marieke Merckx**
 - TEXSHIELD (Environmental friendly and Durable Oil and Water repellence finish on Technical Textiles)



Examples Best Practice



Fraunhofer

Mathias Rauch, Head of Fraunhofer Office Brussels

Europe's largest organisation for applied research

Cooperating with UoAS - new ways to join forces:

Fraunhofer Application Centre

Cooperation Program Fachhochschule

Cooperation with Fraunhofer Academy



Lubos Zilka, Technical Director, MEDIN

Traditional Czech Manufacturer of Medical Instruments and implants since 1949

4 RTD-Teams: Trauma, Surgery, Stomatology and Development of new machines
e.g. Development of new operation technique for fractures of acetabulum

They offer: well-skilled team; development and test equipment; experience; professional attitude



Lessons Learned I

TODAY **140 participants** from more than **20 EU Member States**. Big success!
Kick-off, in 2 years follow-up (same conference in Brussels)

Wish for regular, similar Networking Events for
EXCHANGE and **PARTNER SEARCH**

COOPERATION with research organisations, industry and academia:
BIG ROOM FOR MORE!

Focus not only on Horizon 2020, but also on other EU-Funding programmes and especially have a look on the Investment Package of President Juncker



Lessons Learned II

How to write a good proposal? TIPPS:

Horizon 2020: strong policy touch, focused on **IMPACT** and **INNOVATION**

Proposals have to reflect this

Ask NCP's or other service providers for help

Look for partners with excellent scientific expertise AND good organisational and management experience

Look for **LONG-TERM COOPERATION**

Calculate **TIME** and **MONEY**

There is an absolute need to find strong partners from industry

Strengthen role of UoAS in supporting Knowledge Transfer

Coordinator of project = can focus on own interests. Partner = only partner



Thank you for your attention!

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