



# **Synergies in practice and stakeholders involvement: "TEAMING" IN HORIZON 2020, WHICH OPPORTUNITIES FOR SLOVAKIA IN A EUROPEAN CONTEXT ?**

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**Spreading excellence and Widening participation in HORIZON 2020**

**Stairway to excellence, Bratislava, June 25th 2015**

## **Threefold approach in the EU to close the R&I Divide, spread excellence and widen the participation (in HORIZON 2020):**

- Action at national/regional level (with the support of the EU Cohesion Policy)
- Action through "Widening actions" in H2020
- Synergies, in particular between H2020 and Cohesion Policy

# Overview of "Widening actions" in HORIZON 2020

- Teaming for Excellence
- Twinning (institutional networking)
- ERA Chairs (bringing excellence to institutions)
  
- NCPs (information, communication, support)
- Policy Support Facility (support for R&I Policy design)
- COST ( stimulating cross border science networks)

Budget for "Widening actions" in H2020 ~ **€ 800 million**

## Synergies under "Widening actions"

### Teaming:

- R&I Strategy of the future Centre of excellence should fit in with the Smart Specialisation Strategy of the MS/region
- National/ESIF commitment needed for rolling out the future centre

### Twinning

Alignment with the objectives of the Smart Specialisation Strategy of the MS/region is encouraged

### ERA Chairs:

- Selected field of ERA Chair to be in line with the objectives of the Smart Specialisation Strategy of the MS/region
- Research capacity to be funded by ESIF

# Teaming for Excellence

Creation of new (or significant upgrade of existing) Centres of Excellence in low performing Member States and regions;

## The Partners - 2 parties in each Teaming project:

(1) the participant organisation (**COORDINATOR**) from a low performing Member State (for example a research agency at national or regional level, or a regional authority);

(2) an institution of research and innovation excellence (public or private) or a consortium of such institutions (from EU28 or AC);

# Teaming for Excellence

## Design of the action (in 2 stages):

Stage 1: Funding for the development of a Business Plan for the new/upgraded Centre of Excellence facilitated by a teaming process with a leading counterpart in Europe

Stage 2: Subject to the quality of the Business Plan, and a commitment of the Member State (e.g. support via Cohesion Policy Funds), the Commission may provide further substantial financial support for the first steps of implementation of the Centre.

Proposals (Stage 1): Need to demonstrate the long-term science and innovation strategy of the future Centre based on a SWOT analysis

Proposals (Stage 2): Business Plan (Stage 1 deliverable) with robust financial commitments (from national/ESIF)

# Teaming for Excellence

## Call 2014 ("Stage 1"): Business Plan for a Centre of Excellence (CoE)

Budget: € 11.85M

Call deadline: 17 September 2014

Project Size: €200.000 - €500.000 per proposal

Project Duration: 12 months

Deliverable: Business Plan of the CoE

## In 2016: ("Stage 2") Start-up/Implementation of the CoE

Budget: ~ € 80-90 M

Project Size: €15-20M

Project Duration: ~ 5 years

Funding for: Substantial support for the start-up & implementation phase of the CoE (salaries, other operational and administrative costs, small equipment)

Implementation: Specific Grant Agreement established under a Framework Partnership Agreement (Coordination and Support Action)

**Total Budget for Teaming in H2020: ~ € 270 M**

# Teaming for Excellence

## **Key Success Factors:**

- Well-chosen, carefully structured partnership & strong engagement from both parties
- Long term vision (at least 10-15 years) & long term financial commitment nationally (at least €40-50 M) from the outset
- Coordinator: strong in project management and in mobilising national/Cohesion funding
- New CoE: Eventual autonomy in decision-making is a must for sustained excellence
- Alignment with the national/regional Smart Specialisation Strategy:
- Synergies with Cohesion Funding: Need to make appropriate conditional "space" in ESIF OPs to secure possible funding for Stage 2

**Evaluation outcome in February 2015** [http://europa.eu/rapid/press-release\\_IP-15-3885\\_en.htm](http://europa.eu/rapid/press-release_IP-15-3885_en.htm)  
**signature of grant agreements and start of stage 1 in May 2015**



# Four Slovak successful proposals in "Teaming" (first stage, open competition for second stage)

CEMEA	Building-up Centre of Excellence for advanced materials application	SLOVENSKA AKADEMIA VIED	SK	FI - VTT FI - HELSINGIN YLIOPISTO
SlovakION	Slovak Centre of Excellence in Ion Beam and Plasma Technologies for Materials Engineering and Nanotechnology	SLOVENSKA TECHNICKA UNIVERZITA V BRATISLAVE	SK	DE - HELMHOLTZ-ZENTRUM DRESDEN-ROSSENDORF DE - ENGAGE - KEY TECHNOLOGY VENTURES DE - TECHNISCHE UNIVERSITAET DRESDEN HZDR Innovation SK - MATADOR Industries DE - FRAUNHOFER
FunGLASS	Centre for functional and surface-functionalized glasses	TRENCIANSKA UNIVERZITA ALEXANDRA DUBCEKA V TRENCINE	SK	DE - FRIEDRICH-ALEXANDER-UNIVERSITAT ERLANGEN NURNBERG DE - FRIEDRICH-SCHILLER-UNIVERSITAT JENA ES - AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS IT - UNIVERSITA DEGLI STUDI DI PADOVA
LignoSilva	Centre of Excellence of Forest-based Industry	NARODNE LESNICKE CENTRUM	SK	SK - Výskumný ústav papiera a celulózy, a.s. FI - EUROPEAN FOREST INSTITUTE

## Synergies in practice: how can Slovakia get the best out of this positive result?

- Through more innovative ecosystems at national level implying in particular
- cooperation between **Ministeries** and **Agencies** (the **governance challenge**)
- Modernization of the **Academy of sciences** and **Universities** from a European perspective
- Clever **clusters'** policies
- Boosting the **innovation culture**

## Synergies in practice in Slovakia: also get the best out of...

- The **Smart specialization** process, **Action Plan** ?
- Implementation through the **operational programme for R&I**
- HORIZON 2020 (first assessment ?), starting evaluation of "Twinning"
- Communication and participation in European networks, in Bratislava and Brussels (SLORD)
- Coming Slovak Presidency of the EU Council
- The "Stairway to excellence" project !



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**Thank you !**



research

**And let us discuss**