



# **TOWARD HORIZON 2020 NEW FUNDING OPPORTUNITIES FOR RESEARCH ON LLL?**

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## **Europe 2020**

**Main goal** ➡ *Get EU smartly out of the crisis ...  
and put it on **accelerated growth path...**  
to start **narrowing the gap with US...**  
and **retain competitive edge***

**Objectives** ➡ ***Smart growth**  
**Sustainable growth**  
**Inclusive growth***

**Clear targets** ➡ *1) 75% employment  
2) 3% of GDP for R&D  
3) 20/20/20 climate package  
4) improve education (early school leavers <10%,  
tertiary degree >40%)  
5) 20 mln less people in risk of poverty*

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## The FP7 Socio-economic Sciences and Humanities programme (SSH)

**total budget of € 610 Million (FP7)**

**7 activities:**

- 1. Growth, employment and competitiveness in a knowledge society**
- 2. Combining economic, social and environmental objectives in a European perspective**
- 3. Major trends in society and their implications**
- 4. Europe in the world**
- 5. The citizen in the EU**
- 6. Socio-economic and scientific indicators**
- 7. Foresight**



## SSH - What do we expect?

- **High scientific quality (excellence)**
- **EU added value (dimension, coverage, comparison)**
- **Different social sciences and humanities disciplines**
- **Quantitative and qualitative methods**
- **Exploitation of results (science, policy, social partners, CSO)**
- **Support to EU policies**
- **Stock-taking (past research)**
- **Professional management**





# Evidence-based policies



Research and Innovation



LLLight'in'Europe

LifeLong | Learning | Innovation | Growth & Human Capital | Tracks in Europe

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## SSH 2013 Early childhood education and care: promoting quality for individual, social and economic benefits

New project starting in January 2014

### **Research dimensions (summary):**

- Widening access to ECEC for disadvantaged children and vulnerable groups and overcoming the obstacles (including cultural) to participation in ECEC;
- Optimising ECEC effectiveness;
- Curriculum design
- Professionalization of staff which include attracting, educating, up-skilling and retaining high quality staff; staff competences
- Assessing the impact of ECEC on all children including the disadvantaged and measuring outcomes;
- Quality assurance, accountability, governance
- Funding ECEC- balance of public and private investment, system efficiency and quality and social equity – who is being served by the ECEC services;
- Developing innovative European indicators for children's well-being in ECEC.

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## RESL.eu Reducing Early School Leaving in the EU

- 9 countries
- 60 months
- 6,5 M€ EU contribution
- coordinator: UNIVERSITEIT ANTWERPEN Belgium

[www.resl-eu.org](http://www.resl-eu.org)



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# The LLL2010 Project

## Towards a Lifelong Learning Society in Europe: The contribution of the education system



Project within Sixth Research Framework (FP6)  
– financed by the European Commission

Duration 2005-2011

13 partner countries, 80+ researchers  
Coordinated by Ellu Saar (IISS, University of Tallinn)

Reports and working papers [lll2010.tlu.ee](http://lll2010.tlu.ee)

Final book publications on the project:



Riddell, Sheila, Markowitsch, Jörg & Weedon, Elisabet (Eds.) (2012) Lifelong Learning in Europe: Equity and Efficiency in the Balance, Bristol, Policy Press.



Saar, Ellu, Ure, Odd Bjorn, Holford, John (Eds.) (2012, forthcoming) Lifelong Learning in Europe: National Patterns and Challenges. Edward Elgar.



## LLLight'in'Europe

LifeLong | Learning | Innovation | Growth &  
Human Capital | Tracks in Europe



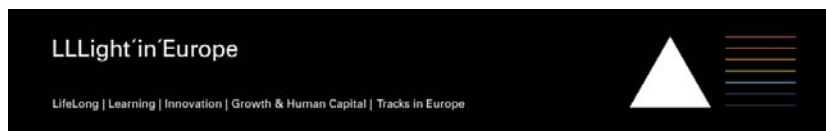
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## What is LLight'in'Europe?

- ❑ Coordinated by Zeppelin University (DE)
- ❑ 9 beneficiaries in 7 countries
- ❑ January 2012 to September 2015
- ❑ Budget: 3.44 mio Euro

[www.llightineurope.com](http://www.llightineurope.com)



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- ❑ Obj 1. How do successful enterprises actively employ Lifelong Learning for their competitive advantage?
- ❑ Obj 2. Which public policy environments facilitate Lifelong Learning for such enterprises and entrepreneurs?
- ❑ Obj 3. How does Lifelong Learning interact with and promote innovativeness on the enterprise level?
- ❑ Obj 4. How much of which skills do European adults actually have?
- ❑ Obj 5. What are the actual learning mechanisms in adult life that lead to these skills?
- ❑ Obj 6. What are the causal effects of these skills on growth, competitiveness and social cohesion?

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## Social Innovation

... an innovation which is social in its ends and means

... the complexity of economic and social challenges requires innovation that cuts across sectoral boundaries

... systemic change: the need to reform society in the direction of a more participative arena where empowerment and learning are sources and outcomes of well being

### **Social innovation and the EUROPE 2020 Strategy:**

'...to design and implement programmes **to promote social innovation for the most vulnerable**, in particular by providing innovative education, training, and employment opportunities for deprived communities, to fight discrimination (e.g. disabled), and to develop a new agenda for migrants' integration to enable them to take full advantage of their potential...'



## FP7 research projects on social innovation

- ❑ **TEPSIE**, the theoretical, empirical and policy foundations for building social innovation in Europe [www.tepsie.eu](http://www.tepsie.eu)
- ❑ **WILCO** welfare innovations at the local level in favour of cohesion [www.wilcoproject.eu](http://www.wilcoproject.eu)
- ❑ **IMPROVE** Poverty Reduction in Europe: Social policy and innovation [www.improve-research.eu](http://www.improve-research.eu)
- ❑ **INNOSERV** Innovative Social Services Platform) [www.inno-serv.eu](http://www.inno-serv.eu)
- ❑ **LIPSE** Learning from Innovation in Public Sector Environments)
- ❑ **SOCIETY** Social Innovation - Empowering the Young (Society) for the Common Good
- ❑ **CITISPYCE** Combating inequalities through innovative social practices of, and for, young people in cities across Europe





review of several research projects:

**Lifelong Learning 2010**, "Toward a lifelong learning society in Europe: the contribution of the education system"

and the ongoing project, **LLLight in Europe**, "LifeLong Learning, Innovation, Growth and Human Capital: Tracks in Europe".

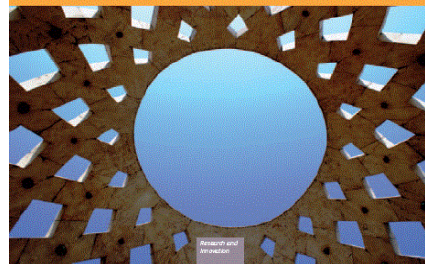
This report also takes into account the related work of other institutions, such as **CEDEFOP, Eurofound, Eurostat and OECD**, as well as research by academics in the area.

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## Adult and continuing education in Europe

Pathways for a skill growth governance



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[http://ec.europa.eu/research/social-sciences/index\\_en.html](http://ec.europa.eu/research/social-sciences/index_en.html)



New skills and jobs in Europe:  
Pathways towards full employment



Social innovation research  
in the European Union

Approaches, findings and future directions  
POLICY REVIEW



Research and Innovation



Scientific  
evidence for  
policy-making

Research insights from  
Social sciences, Sciences  
and Humanities



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## Horizon 2020 novelties

- **Challenge-based approach allowing applicants to have considerable freedom to come up with innovative solutions**
- **Broader topics (beyond thematic programmes), less prescriptive and with emphasis on expected impact**
- **Simplified list of types of action mostly Research and innovation (100%) and Innovation actions (70%)**
- **Cross-cutting issues mainstreamed: social sciences, gender, international cooperation**
- **Reinforced collegial governance through Horizon Groups (inputs from many Policy DGs)**

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## EU budget 2014-2020 & Horizon 2020

### Commission proposals

29 June 2011 & 30 November 2011

MFF  
€1,025 bn

Horizon 2020  
€80 bn

### European Council conclusions

8 February 2013

MFF  
€908 bn

Horizon 2020  
€70 bn

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Source: EC



## Horizon 2020 pillars

- **Excellent science**
- **Industrial leadership**
- **Societal challenges**



## Excellent science

### **European Research Council**

Frontier research by the best individual teams

### **Future and Emerging Technologies**

Collaborative research to open new fields of innovation

### **Marie Curie-Sklodowska actions**

Opportunities for training and career development

**Research infrastructures** (including e-infrastructure) -  
Ensuring access to world-class facilities



## Industrial leadership

**Leadership in enabling & industrial technologies** (ICT, nanotechnologies, materials, biotechnology, manufacturing, space)

**Access to risk finance**

Leveraging private finance and venture capital for research and innovation

**Innovation in SMEs**

Fostering all forms of innovation in all types of SMEs



## Societal challenges

- 1 **Health, demographic change and wellbeing**
- 2 **European bioeconomy challenges: Food security, sustainable agriculture and forestry, marine and maritime and inland water research**
- 3 **Secure, clean and efficient energy\***
- 4 **Smart, green and integrated transport**
- 5 **Climate action, resource efficiency and raw materials**
- 6 **Inclusive, innovative and reflective societies**
- 7 **Secure societies: Protecting freedom and security**



\* Does not include ITER



## Societal Challenge 6 objective

*"To foster a greater understanding of Europe, provide solutions and support inclusive, innovative and reflective European societies in a context of unprecedented transformations and growing global interdependencies"*

H2020 draft regulation

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## Societal Challenge 6

- **Inclusive societies**
  - ❑ Smart, sustainable and inclusive growth
  - ❑ Resilient societies (migration, integration, demographic change)
  - ❑ Europe's role as a global actor
- **Innovative societies**
  - ❑ Evidence base support for the Innovation Union and ERA
  - ❑ New forms of innovation
  - ❑ Potential of all generations
  - ❑ Cooperation with third countries
- **Reflective societies**
  - ❑ European heritage (memory, identity)
  - ❑ European countries' and regions' history
  - ❑ Europe's role in the world



## Work programmes and calls for proposals

- **Work programmes with a 2 year-duration (2014-2015)**
- **Leitmotiv of the first WP: economic crisis and the path to sustainable growth - Horizon 2020 can make a significant contribution to this effort**



## H2020 and WP adoption timetable

- **Political decisions on Horizon 2020: Autumn**
- **Adoption of (provisional) WP: 10 Dec**
- **Publication of first calls for proposals: 11 Dec**



**Thank you!**

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