

# Horizon 2020 - Introduction to the Framework Programme

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15 January 2014

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# Three priorities



# Main features of Horizon 2020

- **The biggest EU Research and Innovation programme ever**
- **Budget of nearly 80 billion Euros (592 bn. DKK)**
- **Available for 7 years (2014 – 2020)**
- **Strong focus on development of solutions of the major societal challenges Europe and the world is facing in the coming years**
- **The programme supports excellent research and development of new ground-breaking technologies**
- **Specific initiatives aimed at strengthening innovation in small and medium sized enterprises**
- **Ambition is to foster ideas, growth and jobs for the future Europe**

# Cutting the red tape...

- One common set of rules for Horizon 2020
- Shorter 'time-to-grant' \*
- Less control and revision

| Simplified funding rates                  | Direct costs | Indirect costs |
|---|--------------|----------------|
| "Research and Innovation actions"<br>etc. | 100%         | 25%            |
| "Innovation actions"                      | 70%/100%     | 25%            |

\* Reduction ca. 100 days

## Horizon 2020 (2014 – 2020) (Budget in billion Euros in current prices)

|  |              |
|--|--------------|
| <b><i>Horizon 2020 + Euratom</i></b><br>DKK 592 mia. (Kurs 7,45)       | <b>79,40</b> |
| <b><i>Horizon 2020</i></b>   | <b>76,46</b> |
| <b><i>Excellent science (31,73% )</i></b>                              | <b>24,40</b> |
| <b><i>Industrial leadership (22,09% )</i></b>                          | <b>17,00</b> |
| <b><i>Societal challenges (38,53% )</i></b>                            | <b>29,70</b> |
| <b><i>Spreading excellence and widening participation (1,06%)</i></b>  | <b>0,74</b>  |
| <b><i>Science with and for society (0,60% )</i></b>                    | <b>0,42</b>  |
| <b><i>European Institute for Innovation and Technology (3,52%)</i></b> | <b>2,47</b>  |
| <b><i>Non nuclear direct actions of the JRC (2,47% )</i></b>           | <b>1,73</b>  |

## **Priority 1. Excellent science**

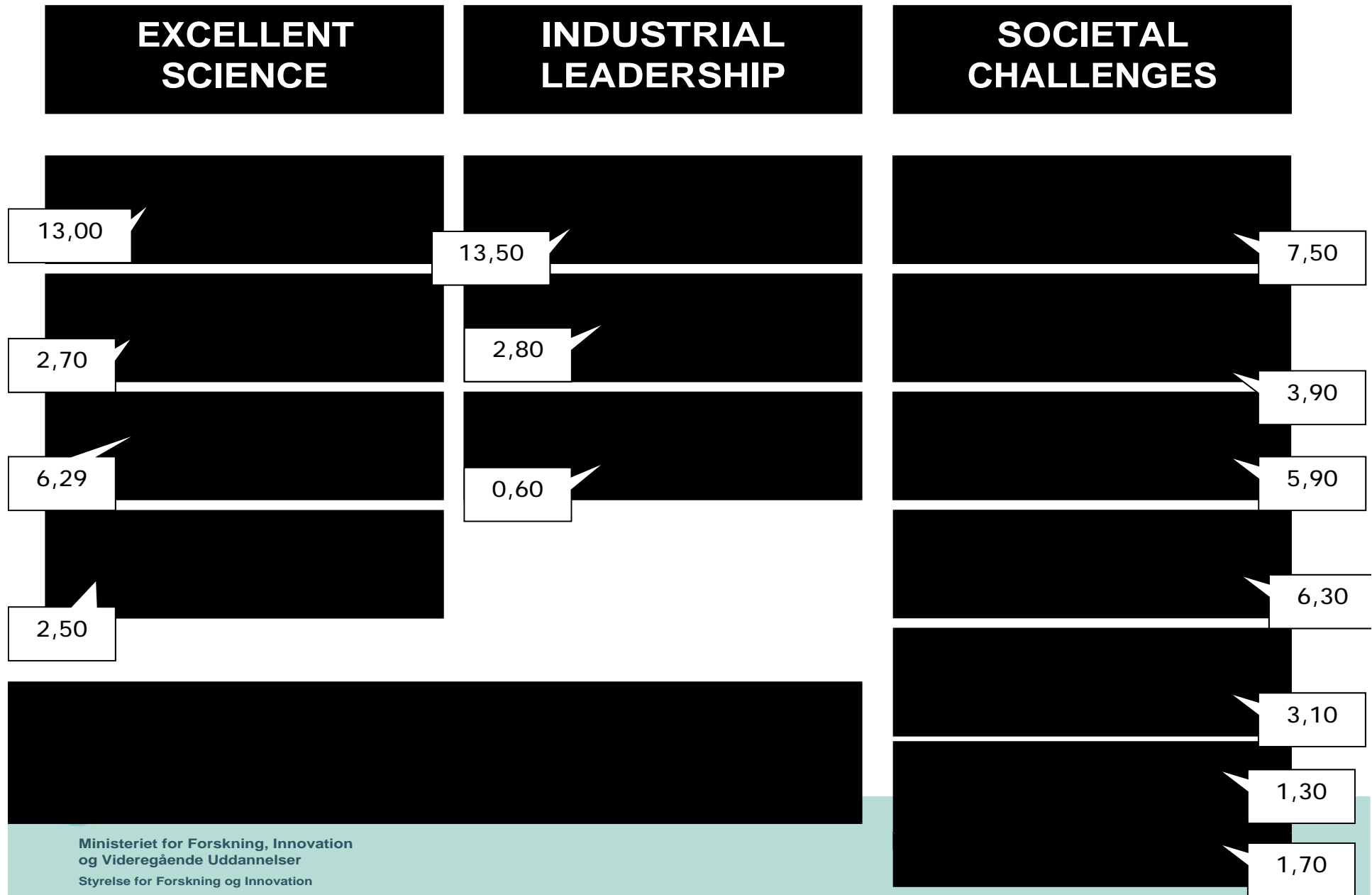
- **World class science is the foundation of tomorrow's technologies, jobs and wellbeing**
- **Europe needs to develop, attract and retain research talent**
- **Researchers need access to the best infrastructures**

## Excellent science

### Budget (in billion Euros)

|  |              |
|--|--------------|
| <b><i>European Research Council (ERC) (17,00%)</i></b><br>Frontier research by the best individual teams                 | <b>13,00</b> |
| <b><i>Future and Emerging Technologies (3,50%)</i></b><br>Collaborative research to open new fields of innovation        | <b>2,70</b>  |
| <b><i>Marie Skłodowska-Curie actions (MSCA) (8,00%)</i></b><br>Opportunities for training and career development         | <b>6,20</b>  |
| <b><i>Research infrastructures (including e-infrastructure) (3,23%)</i></b><br>Ensuring access to world-class facilities | <b>2,50</b>  |
| <b><i>Total (31,73%)</i></b>   | <b>24,40</b> |

# Horizon 2020





# Overview of grants from the European Research Council which are carried out in Denmark

## Applications, grants and succesrates for Starting Grants

| Call         | Received applications | Evaluated applications* | Grants | Succesrate | Evaluated applications Danish host | Grants Danish Host | Danish succes-rate** |
|--------------|-----------------------|-------------------------|--------|------------|------------------------------------|--------------------|----------------------|
| StG 1 (2007) | 9167                  | 8787                    | 299    | 3,4 %      | 172                                | 4                  | 2,3 %                |
| StG 2 (2009) | 2503                  | 2392                    | 245    | 10,2 %     | 47                                 | 7                  | 14,9 %               |
| StG 3 (2010) | 2873                  | 2767                    | 436    | 15,8 %     | 49                                 | 6                  | 12,2 %               |
| StG 4 (2011) | 4080                  | 4005                    | 486    | 12,1 %     | 89                                 | 10                 | 11,2 %               |
| StG 5 (2012) | 4741                  | 4652                    | 556    | 12,2 %     | 93                                 | 13                 | 14,0 %               |
| StG 6 (2013) | 3329                  | 3266                    | 300    | 9,2 %      | 52                                 | 0                  | 0                    |
| Total        |                       |                         | 2332   |            |                                    | <b>40</b>          |                      |

\* "Ineligible" or withdrawn applications are not included

\*\* Basis of calculation: Evaluated applications



# Overview of grants from the European Research Council which are carried out in Denmark

## Applications, grants and succesrates for Advanced Grants

| Call         | Received applications | Evaluated applications* | Grants | Succesrate | Evaluated applications Danish host | Grants Danish host | Danish succesrate** |
|--------------|-----------------------|-------------------------|--------|------------|------------------------------------|--------------------|---------------------|
| AdG 1 (2008) | 2167                  | 2034                    | 282    | 13,9 %     | 33                                 | 4                  | 12,1 %              |
| AdG 2 (2009) | 1584                  | 1526                    | 245    | 16,1 %     | 31                                 | 3                  | 9,7 %               |
| AdG 3 (2010) | 2009                  | 1967                    | 271    | 13,8 %     | 37                                 | 4                  | 10,8 %              |
| AdG 4 (2011) | 2284                  | 2245                    | 301    | 13,4 %     | 57                                 | 9                  | 15,7 %              |
| AdG 5 (2012) | 2304                  | 2269                    | 319    | 14,1 %     | 56                                 | 9                  | 16,0 %              |
| AdG 6 (2013) | 2408                  | 2363                    | 284    | 12,0 %     | 34                                 | 5                  | 14,7 %              |
| Total        |                       |                         | 1702   |            |                                    | <b>34</b>          |                     |

\* "Ineligible" or withdrawn applications are not included

\*\* Basis of calculaton: Evaluated applications



# Overview of grants from the European Research Council which are carried out in Denmark

## Applications, grants and succesrates for Consolidator Grants, Synergy Grants and Proof of Concept

| Call       | Received applications | Evaluated applications* | Grants | Succesrate | Evaluated applications Danish host | Grants Danish host | Danish succesrate** |
|------------|-----------------------|-------------------------|--------|------------|------------------------------------|--------------------|---------------------|
| CoG (2013) |                       |                         |        |            | 78                                 | 6                  | 7,7 %               |
| SyG (2012) | 710                   | 697                     | 11     | 1,6 %      | 8                                  |                    |                     |
| SyG (2013) | 449                   | 427                     | 13     | 3,0 %      | 5                                  | 1                  | 20,0 %              |
| PoC (2011) | 151                   | 139                     | 51     | 36,7 %     |                                    |                    |                     |
| PoC (2012) | 143                   | 120                     | 60     | 50,0 %     |                                    | 1                  |                     |
| PoC (2013) | 145                   | 139                     | 33     | 23,7 %     |                                    | 1                  |                     |

\* "Ineligible" or withdrawn applications are not included

\*\* Basis of calculator: Evaluated applications



# Useful links

- EuroCenter, Styrelsen for Forskning og Innovation  
[www.fivu.dk/horizon2020](http://www.fivu.dk/horizon2020) og [www.fi.dk](http://www.fi.dk)
- Horizon 2020  
[ec.europa.eu/programmes/horizon2020](http://ec.europa.eu/programmes/horizon2020)
- Research Participant Portal  
[ec.europa.eu/research/participants/portal/desktop/en/home.html](http://ec.europa.eu/research/participants/portal/desktop/en/home.html)
- **ERC's** egen hjemmeside  
[erc.europa.eu/](http://erc.europa.eu/)



# National contact points

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Horizon 2020 med fokus på ERC, MSCA

