

Tagung der HRK

Der Europäische Forschungsrat (ERC): Quo vadis?

## Die bisherigen Ergebnisse der deutschen Hochschulen im europäischen Vergleich

Jens Hemmelskamp

ERC Executive Agency

10 October 2011



*Portraits of selected ERC 2007 Starting Grantees*

European Research Council



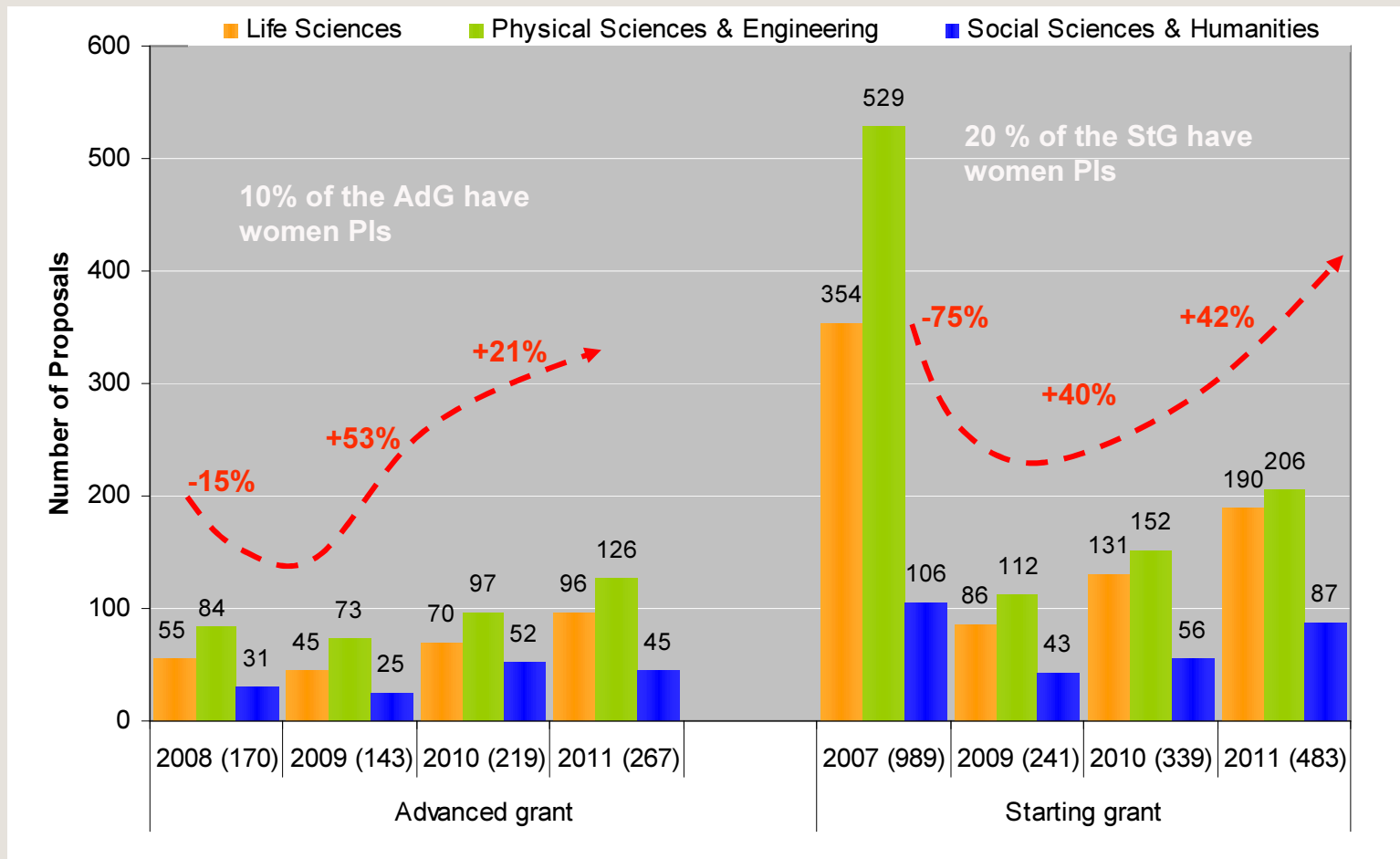


1.

# Impact on national research systems



# 2851 evaluated proposals with a host in Germany

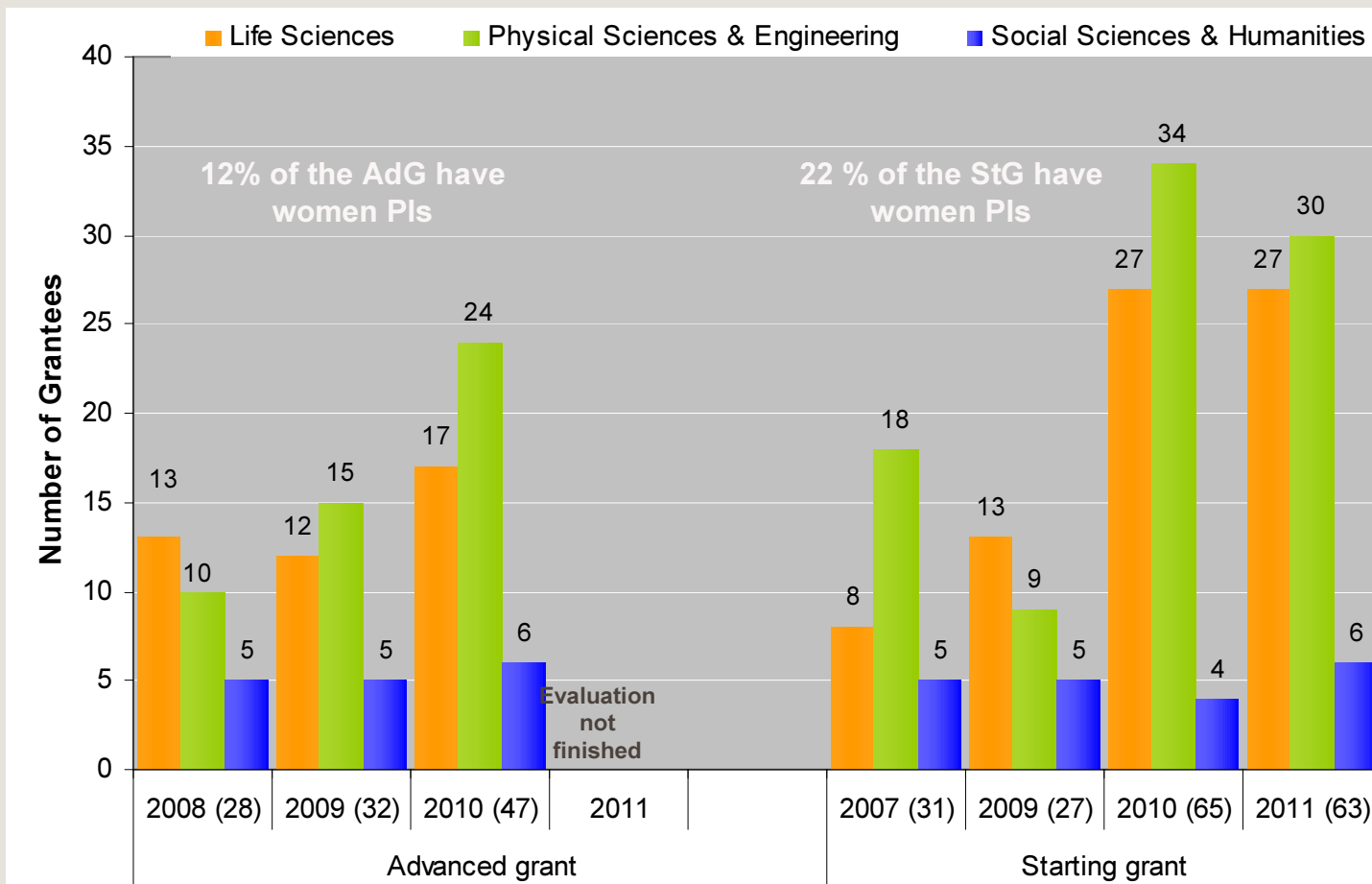


**Share Advanced grant:**  
 2008: 8.4%; 2011: 11.8%

**Share Starting grant:**  
 2007: 11.3%; 2011: 12%



# 293 granted proposals at German host institutions

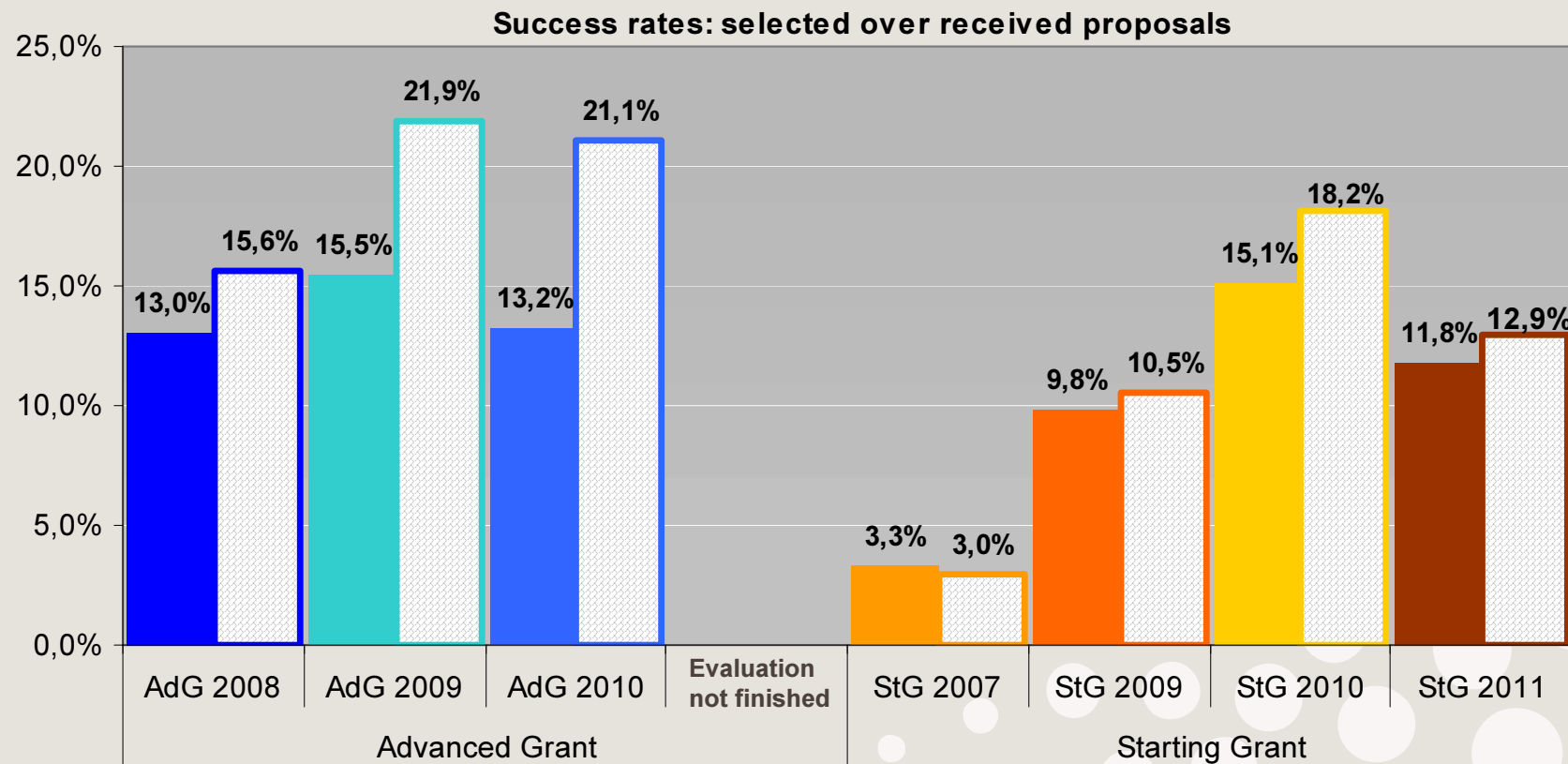


**Share Advanced grant:**  
2008: 9.9%; 2010: 17.7%

**Share Starting grant:**  
2007: 10.4%; 2011: 13.1%



# Success rates



■ Average

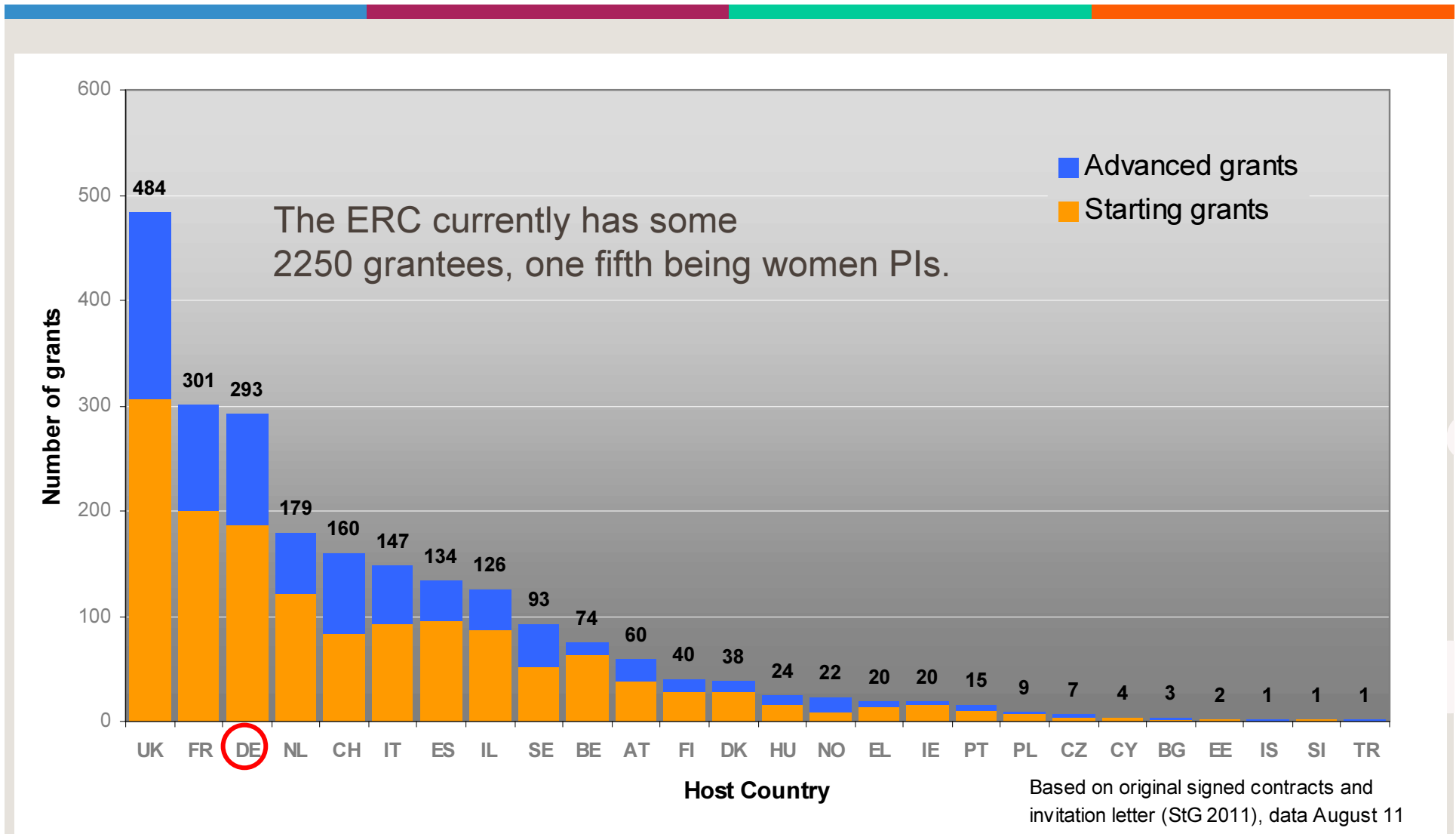
▨ Germany

ERC Starting grant 2007 - 2011  
ERC Advanced grant 2008 -2010

European Research Council

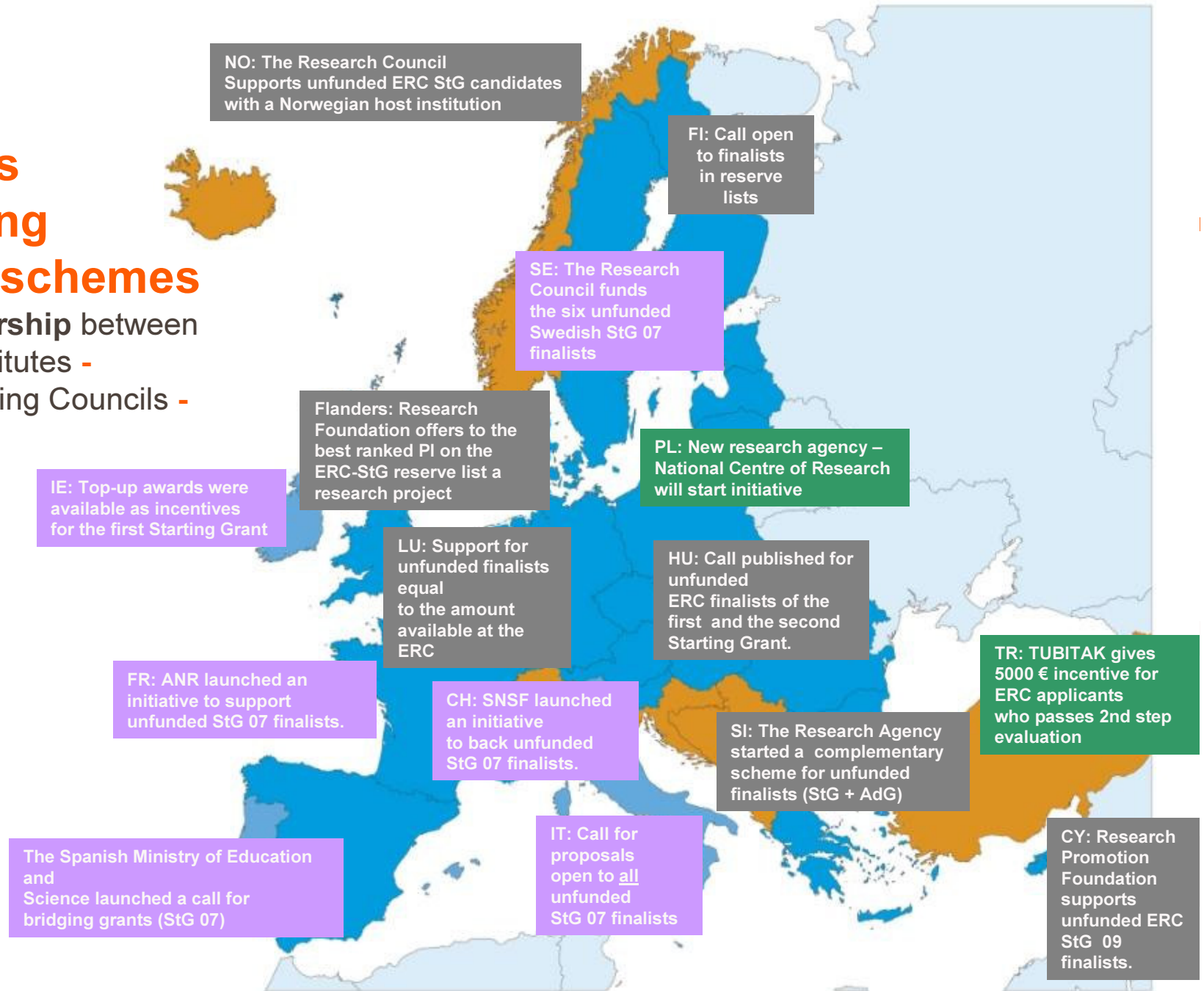


# Grant distribution to countries of HI



# National initiatives supporting the ERC schemes

A new partnership between Research Institutes - National Funding Councils - ERC





# 2.

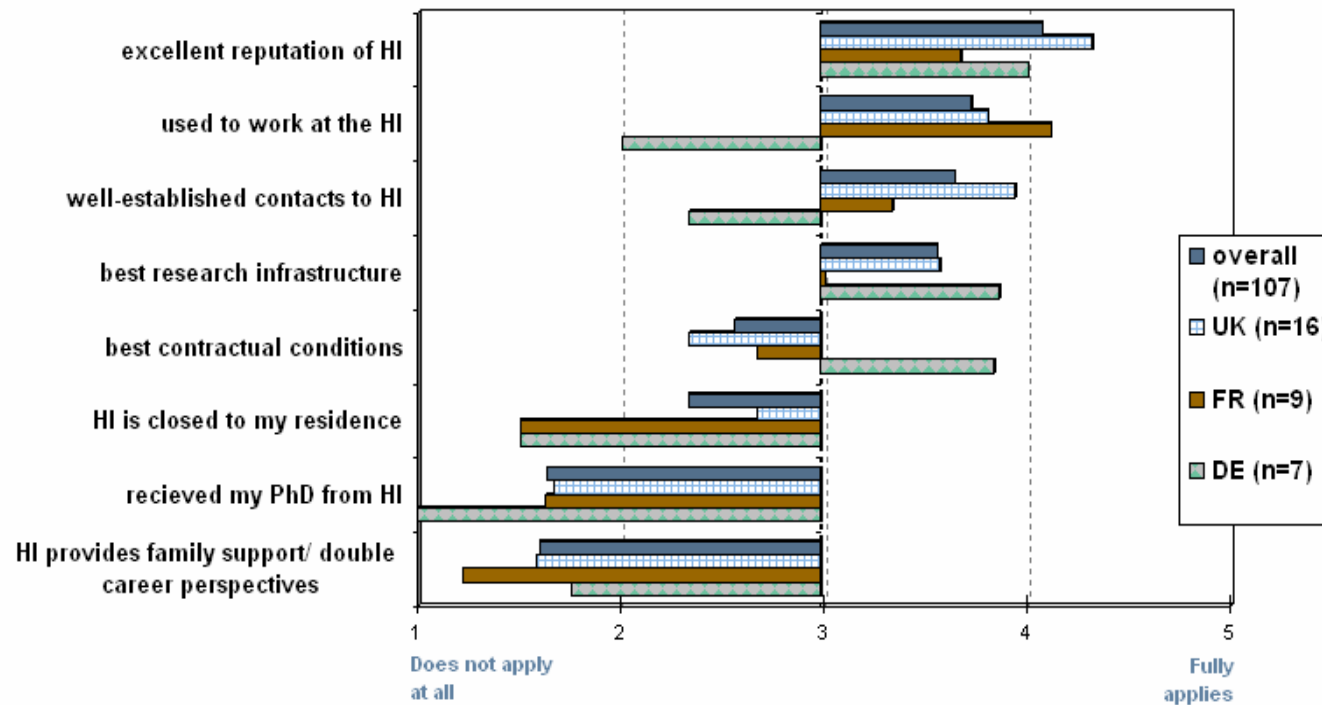
## Impact on host institutions





# Criteria of StG grantees for the selection of an ERC host institution

Source: ERC CSA Project MERCI; Böhmer/Huber 2011, Institut für Forschungsinformation und Qualitätssicherung






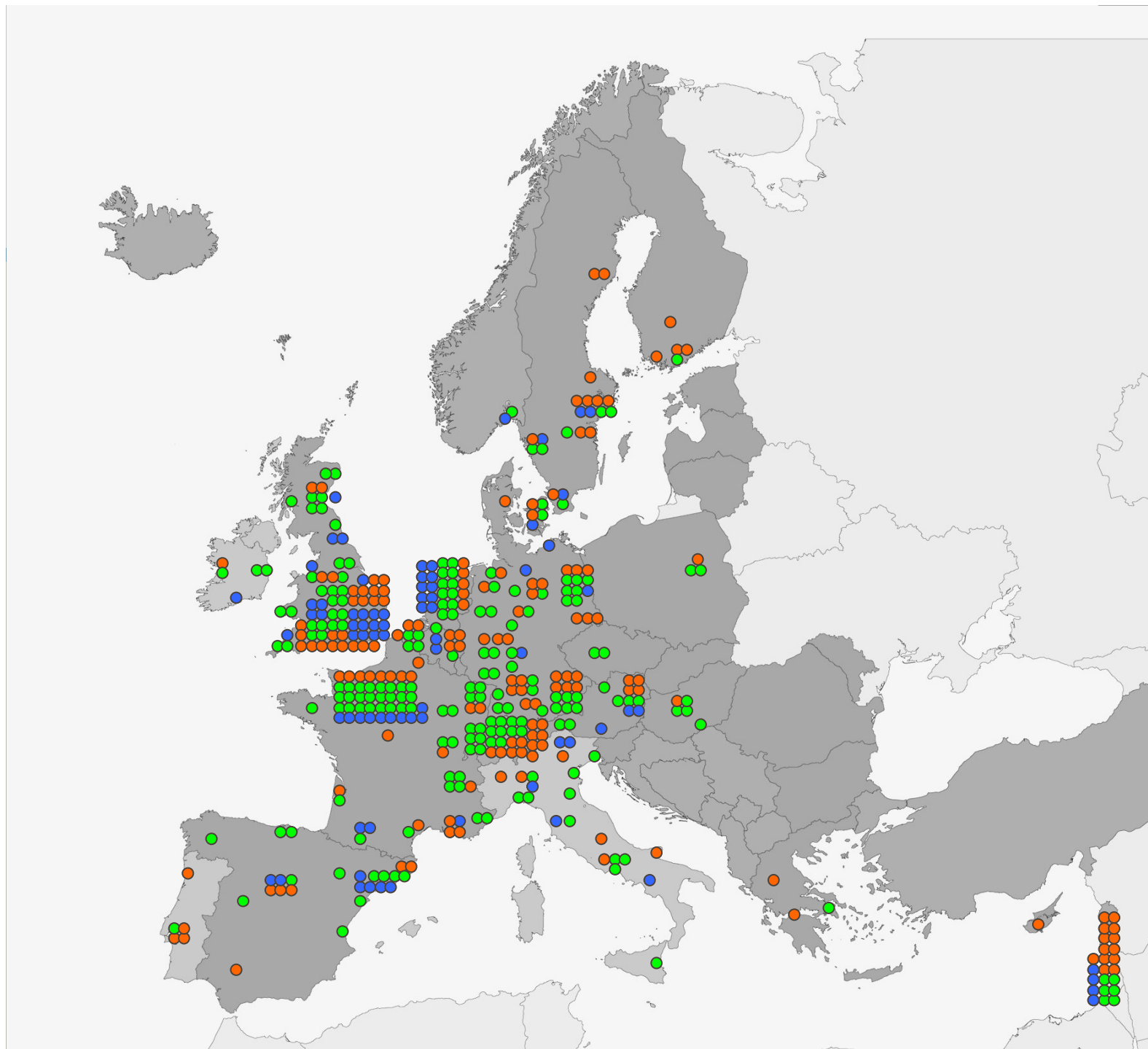
# Host institutions in the ERA

## EXAMPLE

ERC  
Starting  
Grant:

2010 call

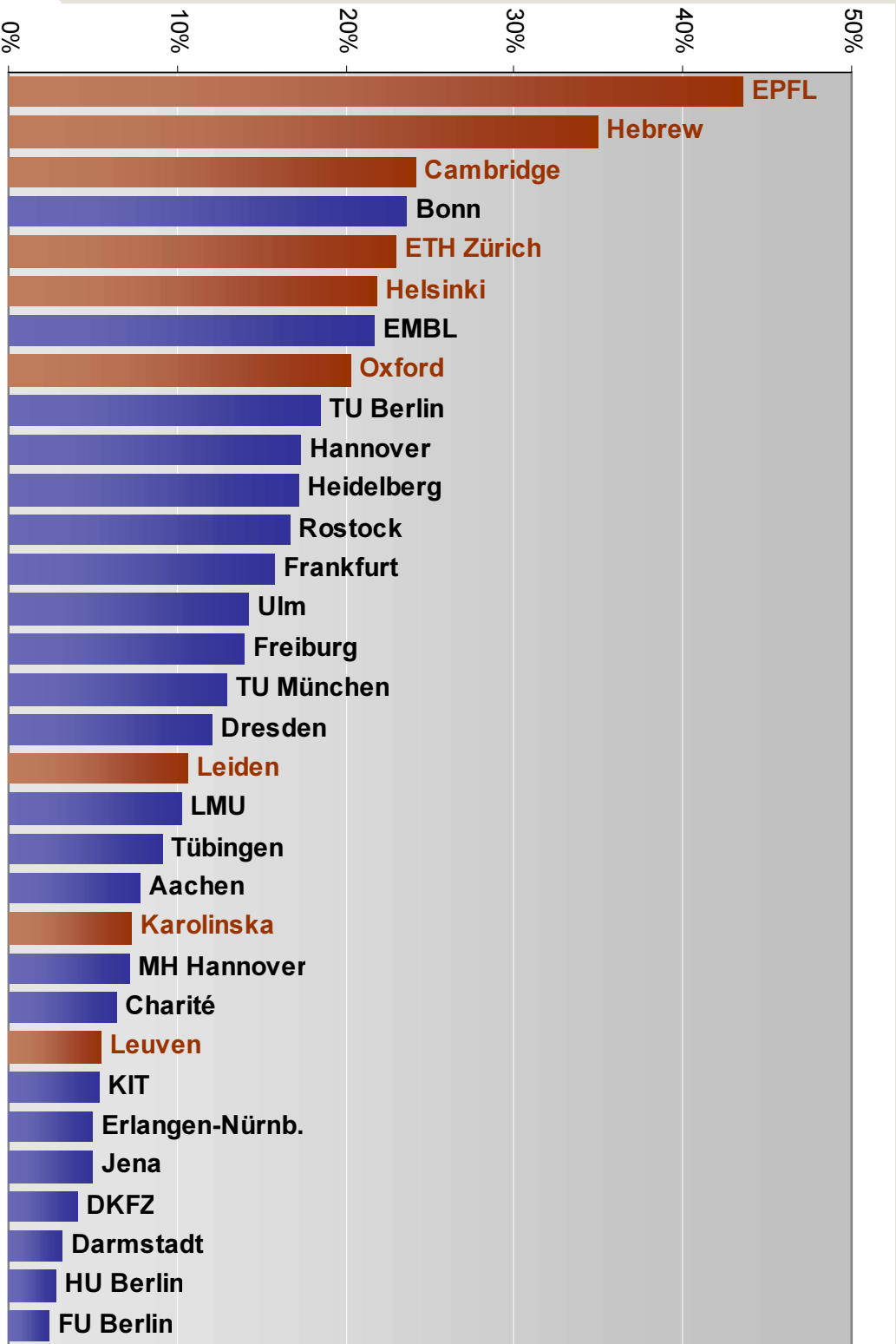
-  Physical Sciences & Engineering
-  Life Sciences
-  Social Sciences & Humanities



| Higher Education Institutions                         |              |        |
|---|--------------|--------|
| Institution   | Total number |        |
|   | No.          | Grants |
| University of Cambridge                               | 1            | 67     |
| University of Oxford                                  | 2            | 60     |
| Swiss Federal Institute of Technology Lausanne (EPFL) | 3            | 48     |
| Hebrew University of Jerusalem                        | 4            | 41     |
| Weizmann Institute                                    | 5            | 38     |
| University College London                             | 6            | 37     |
| Swiss Federal Institute of Technology Zürich (ETH)    | 7            | 36     |
| Imperial College                                      | 7            | 36     |
| University of Helsinki                                | 8            | 21     |
| Catholic University of Leuven                         | 9            | 20     |
| University of Zurich                                  | 9            | 20     |
| University of Amsterdam                               | 9            | 20     |
| Technion - Israel Institute of Technology             | 9            | 20     |
| Karolinska institute                                  | 10           | 19     |
| University of Munich (LMU)                            | 10           | 19     |
| University of Edinburgh                               | 10           | 19     |
| University of Leiden                                  | 10           | 19     |
| University of Bristol                                 | 10           | 19     |
| Free University Amsterdam                             | 10           | 19     |
| Radboud University Nijmegen                           | 11           | 18     |
| Rijksuniversiteit Groningen                           | 12           | 17     |
| University of Vienna                                  | 12           | 16     |
| University of Utrecht                                 | 13           | 16     |
| University of Heidelberg                              | 14           | 15     |
| TU Munich   | 14           | 15     |
| University of Geneva                                  | 15           | 14     |
| University of Aarhus                                  | 15           | 14     |
| University of Manchester                              | 15           | 14     |
| University of Lund                                    | 15           | 14     |

**Top 15  
European  
Universities  
hosting  
at least 14  
ERC Grantees  
by funding  
Schemes  
StG 2007-2011  
AdG 2008-2010**

*\* Basis:  
First seven ERC calls (StG  
07,09,10,11;AdG 08,09,10),  
Institution with more than 14  
ERC grantees*



# Starting grant calls: Success rates of selected ERC host institutions

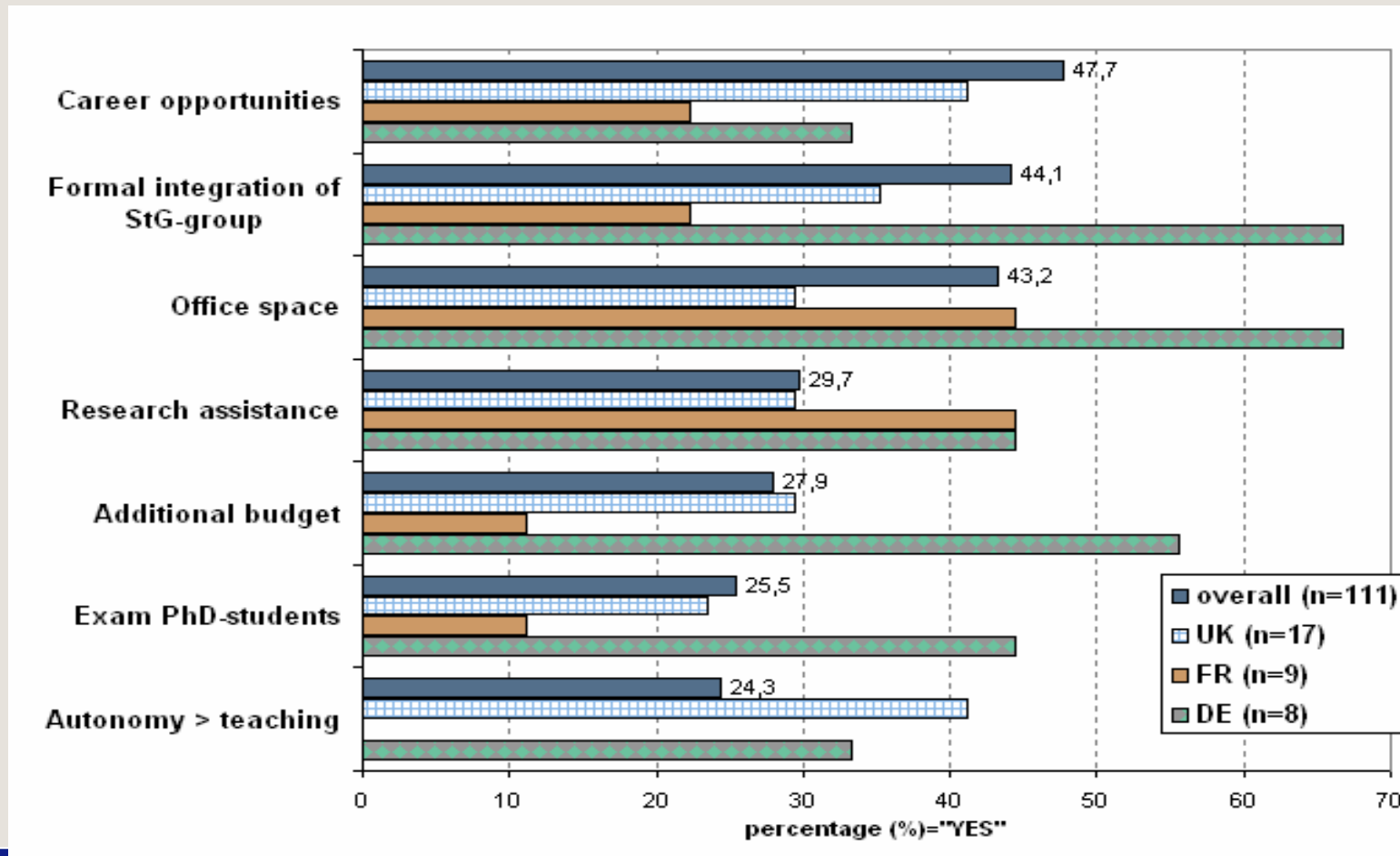
European Research Council

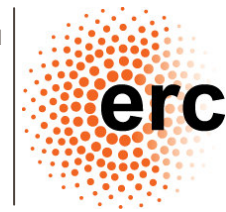


# Negotiated conditions with the HI by selected host countries



Source: ERC CSA Project MERCI; Böhmer/Huber 2011, Institut für Forschungsinformation und Qualitätssicherung






# Attracting Starting grant applicants


## Ghent

- ✓ Long-term professorship
- ✓ 1 PhD-Student
- ✓ Administrative Support



UKT  
Universität Tübingen

UKT Home Sitemap Help Contact Search Login



---

**RESEARCH**

Office of the Dean of the Faculty of Medicine

Research Focus


Core Facilities at the Interdisciplinary Centre for Clinical Research (IZKF)

Sections

Research Funding

IZKF research funding programmes

Research >> Research Funding >> EU Research funding



### ERC starting and advanced grant position

Additional support for successful grant holders choosing Faculty of Medicine of Tübingen University as host institution.

[Further information](#)

**ERC position at Tübingen University - Join the best!**

Login | Internal search

an outstanding location for research in the medical sciences:

currently hosts one of the first ERC Starting grant positions (GRASP-CN - Grasping - cognitive networks of visual action control) and takes part in one of grant positions (BCCI - Bidirectional cortical communication interface) in the established at Tübingen University.

of Tübingen University has a particularly strong focus of interest in areas of national and international importance in the following fields: neurocognition, neurodegeneration and neurosensory systems, regenerative medicine, infection biology, vascular medicine and diabetes; imaging, minimally invasive regenerative medicine.

ing researcher (f/m) with an innovative research idea, we would like to invite you to join our research group at Tübingen University as your host institution for an ERC position.

h Council is a newly established European funding mechanism to support research by two types of grants:

ants for young postdocs (2-12 years research experience)

ants for established senior researchers


**QUICK NAVIGATION**

Select your Portal [»»](#)

Our Institutions [»»](#)

Search text [»»](#)

**VIEW TOPIC**



For more information, please visit:

[erc.europa.eu](#)

**SEE ALSO...**

[Research Focus](#)

[Faculty of Medicine](#)

**FURTHER INFORMATION**

[ERC Ausschreibung](#)

[GRASP-CN](#)

---

UNIVERSITÄT GENT

- About UGent
- Education and study
- Research
  - Research in focus
  - Research support
  - Research opportunities
  - Doctoral Schools
  - Development cooperation
- Facilities
- News

**Information for**

- » Prospective students
- » International students
- » Tenured staff and postdocs
- » Companies

You are here: Home > Research > An ERC position at Ghent University\*

### An ERC position at Ghent University?

Are you an outstanding researcher with an innovative research idea? Why not choose Ghent University as hosting institution for the establishment of your research team?

Ghent University wants to actively promote its participation in the [IRSES-programme](#) of the [Seventh Framework Programme](#) (FP7 - 2007-2013).

This programme, managed by the [European Research Council \(ERC\)](#), provides a distinctive funding mechanism devoted to scientific excellence in all scientific fields.

Funding is provided for the implementation of groundbreaking research for a period of 5 years. Two types of Grants are available:

- [ERC Starting Grants](#) for young postdocs (3-8 years research experience)
- [ERC Advanced Grants](#) for established senior researchers

What can Ghent University offer you?

**For applicants:**

- Support in the proposal writing stage: screening and review of proposal in cooperation with external consultants

**For successful ERC-candidates:**

- A long-term research professorship
- For a period of four years, an additional PhD-student with supporting bench fee
- Full administrative support by the European Office of Ghent University

Helpdesk: [EU-ecol@UGent.be](mailto:EU-ecol@UGent.be)

## Tübingen

- ✓ up-to 30.000 Euro
- ✓ 1 Postdoc + 1 PhD Student
- ✓ Dual Career Support
- ✓ Family Support Services



# The European Research Council

**3.**

**Origin and mobility  
of researcher**



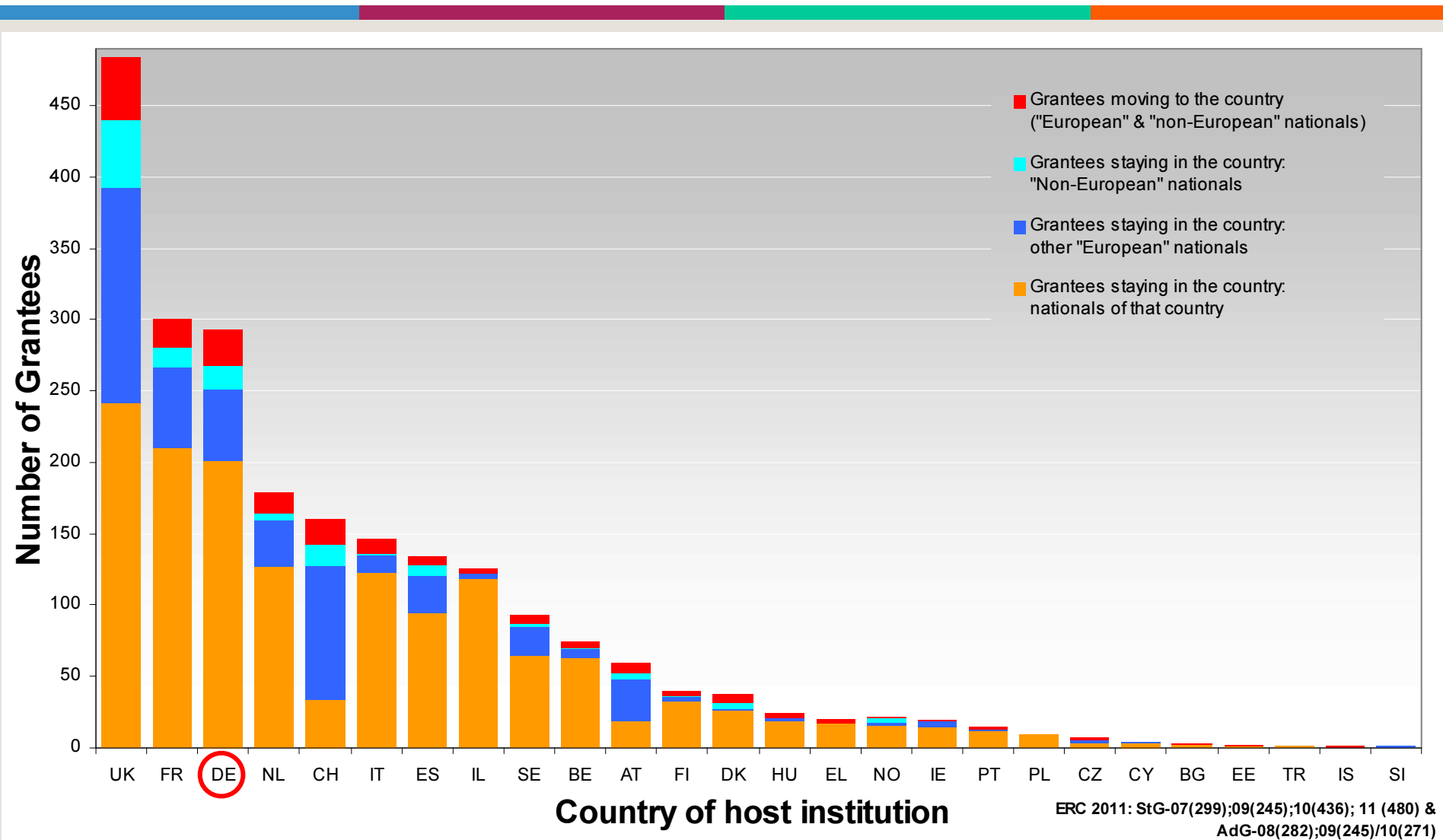
# Origin of Grantees

ERC Starting & Advanced grant calls 2007 – 2011

StG 2007-2011

AdG 2008-2010

European Research Council

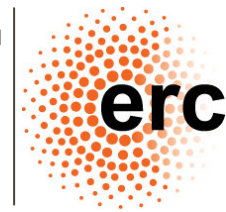


ERC 2011: StG-07(299);09(245);10(436); 11 (480) & AdG-08(282);09(245)/10(271)



# ERC Starting & Advanced grant calls 2007 - 2011

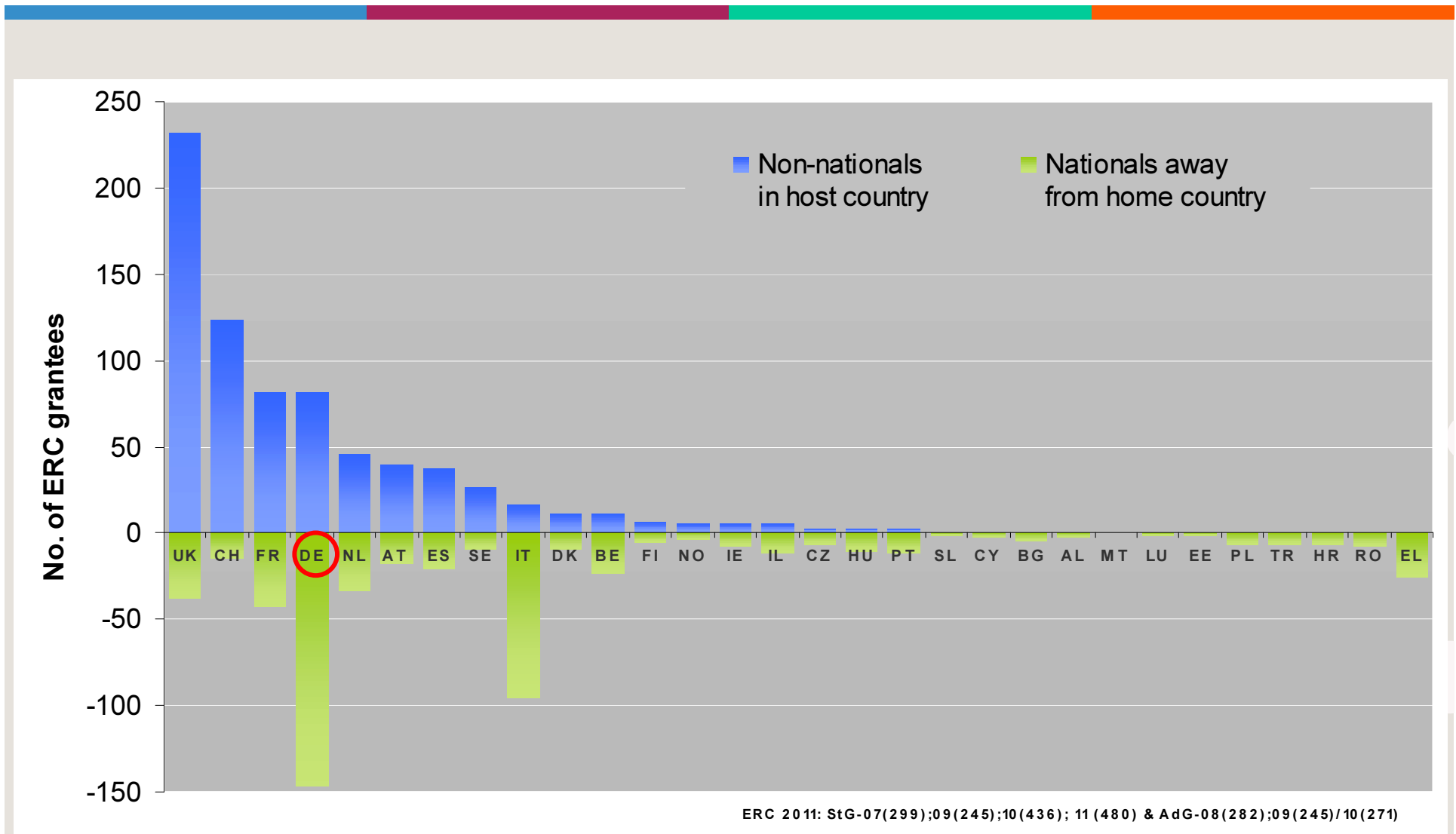
European Research Council



## International exchange of researchers

StG 2007-2011

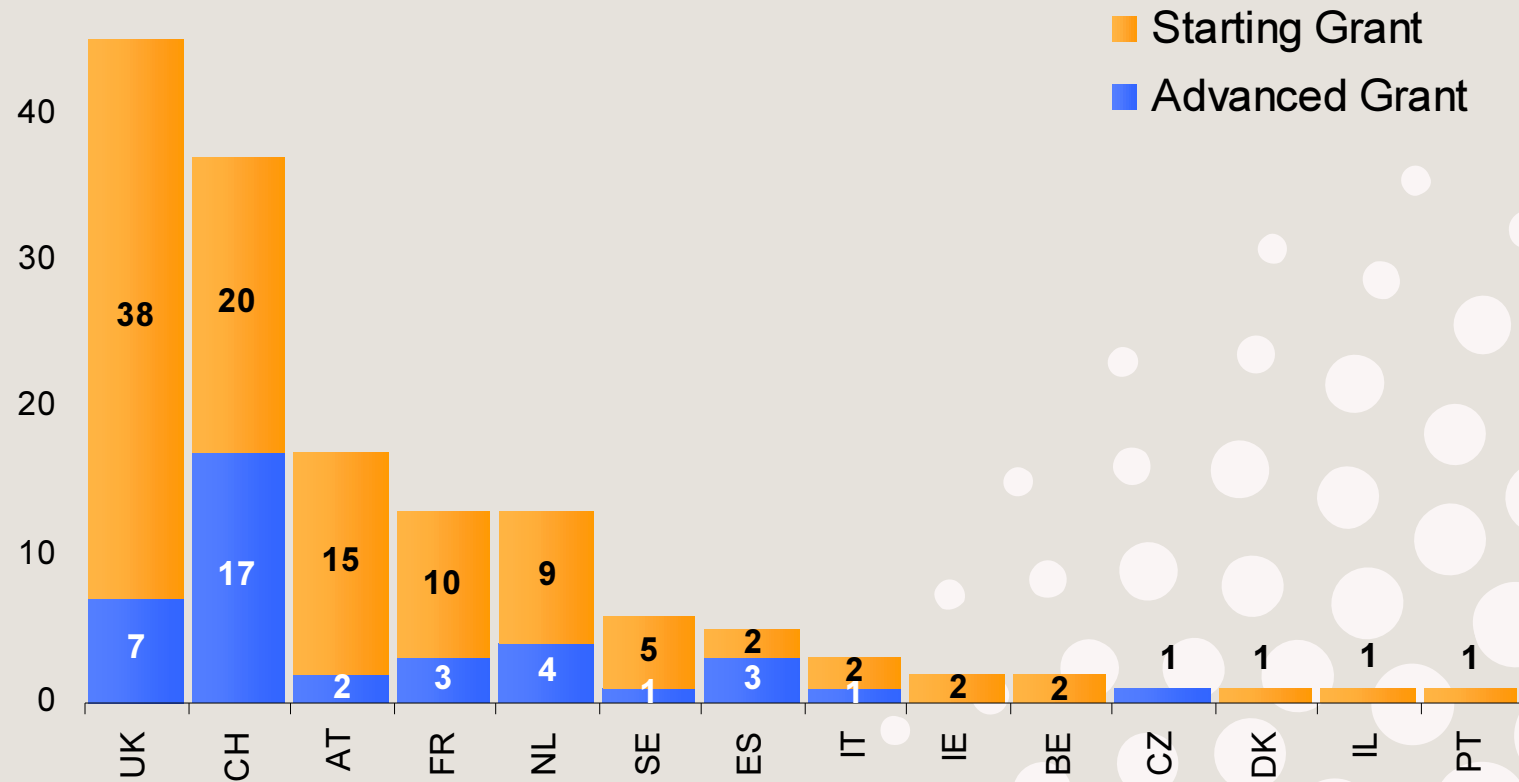
AdG 2008-2010

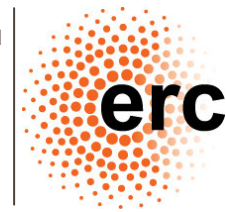




## Where are the German researchers?

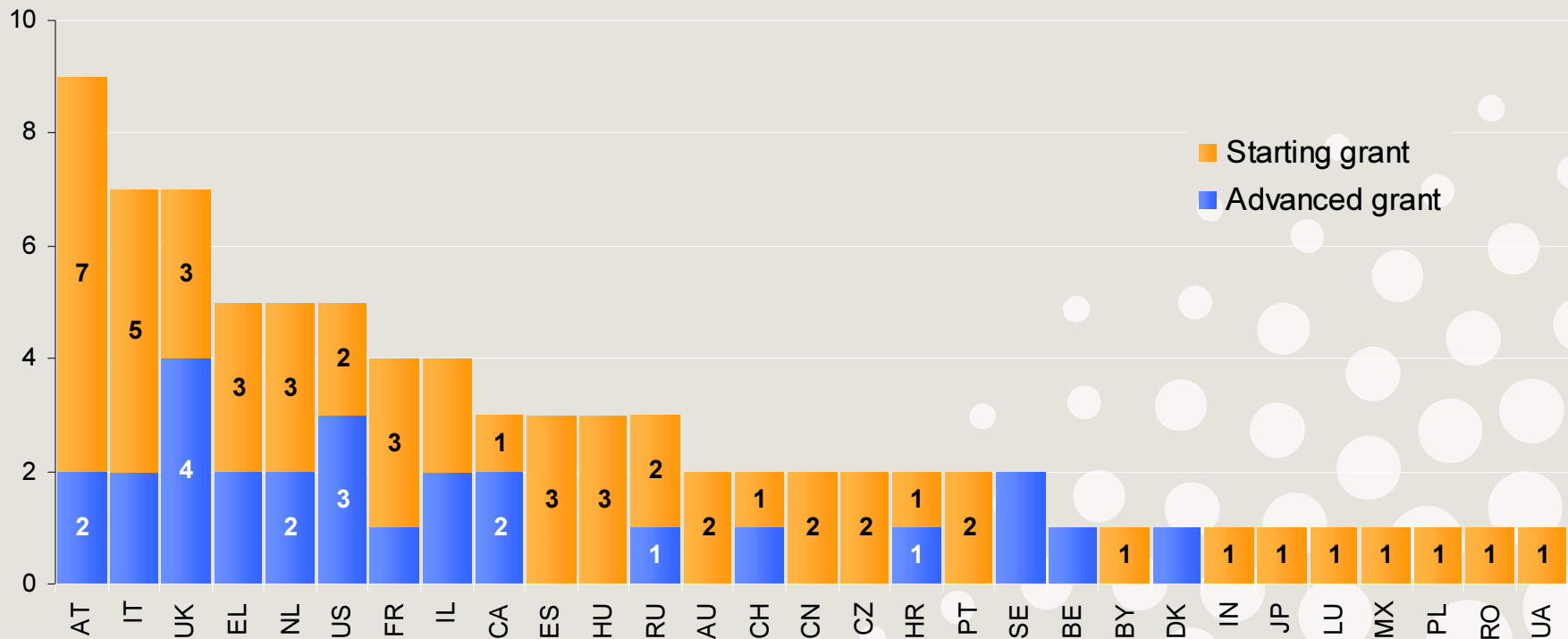
Country of host institution of the 147 German researchers  
outside Germany:





# From where does the non-national researchers come?

82 non-German researchers in Germany





4.

# Conclusions





# Conclusions

- ERC setting new evaluation standards (excellence only); Incentives for reforms in funding systems; simplification
- Host institutions: first time competition among universities in Europe, due to reputational gains through ERC grants (strengthening recognition and nurturing of talent)
  - Attract grantees to their institution
  - Build up administrative support for potential ERC grant candidates, professionalize services and support
  - Utilize the ERC grantees for fundraising
  - Identify and cultivate young talent: potential ERC grantees
- Individual researchers: reputation, earlier scientific independence, career opportunities independent of national funding, especially for younger researcher
- Industry: participation in ERC calls still low





# Submission deadlines for 2012 calls

## ERC Starting grant 2012:

- |                                    |                  |
|------------------------------------|------------------|
| • Physical Sciences & Engineering: | 12 October 2011  |
| • Life Sciences:                   | 09 November 2011 |
| • Social Sciences & Humanities:    | 24 November 2011 |

## ERC Proof of Concept:

08 November 2011

## ERC Synergy:

25 January 2012

## ERC Advanced grant 2012:

- |                                    |                  |
|------------------------------------|------------------|
| • Physical Sciences & Engineering: | 16 February 2012 |
| • Life Sciences:                   | 14 March 2012    |
| • Social Sciences & Humanities:    | 11 April 2012    |

