




Netherlands Enterprise Agency

ERC Information session

21 June 2017

Funding for excellent ideas



Programme

13.30 **ERC in 2017: Rules of the game**, *Doenja Koppejan*, ERC NCP, RVO.nl

How to play the game? *Interactive discussion*

15.00 - 15.30 Break

ERC grant holder, *Don Weenink*, CoG laureate, UvA

Results and lessons learned, *Esther Verhoeven*, ERC NCP, RVO.nl

Discussion and questions

17:00 End

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Horizon 2020

- The EU Framework programme for research and innovation
- 2014-2020
- Total 70 billion euro
- ERC: 13.1 billion euro

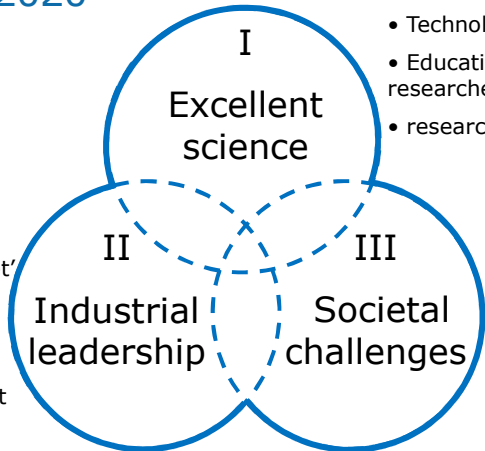


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Horizon 2020


- 'Close-to-market' technology development
- Risk finance
- SME instrument



- 'Blue sky' research
- Technology development
- Education & training for researchers
- research infrastructures

- R&D collaboration
- research, development, demonstration, best practices
- Standardization
- Policy support

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Horizon 2020

I
Excellent science

II
Industrial leadership

III
Societal challenges

Excellent Science

ERC grants

- 'Close-to-market' technology development
- Risk finance
- SME instrument

- R&D collaboration
- research, development, demonstration, best practices
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- Policy support

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European Research Council - mission

To encourage the highest quality research in Europe through competitive funding and to support investigator-initiated frontier research across all fields of research, on the basis of scientific excellence.

European Research Council
 Established by the European Commission

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European Research Council - mission

To encourage the **highest quality research** in Europe through **competitive funding** and to support **investigator-initiated frontier research** across **all fields of research**, on the basis of **scientific excellence**.

*Funding excellent scientists
with the most brilliant ideas*



European Research Council
Established by the European Commission

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ERC grants- Frontier research

- Any field of research*
- Interdisciplinary, crossing boundaries between different fields
- Pioneering
- New and emerging fields
- Unconventional, innovative approaches and scientific inventions
- High risk – high gain
- Opening new horizons of knowledge

* *Except nuclear energy and unacceptable ethical issues*

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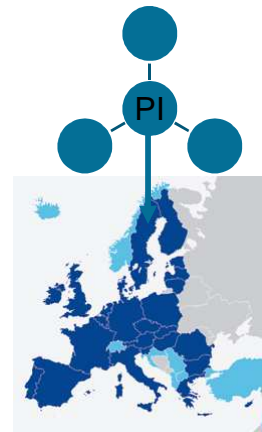
“Individual Research Team” concept

Individual research teams:

- Principal Investigator (PI) - team leader
- any nationality or age
- additional team members

PI’s host institution:

- EU Member State or Associated Country



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ERC- three main types of grants

ERC **STARTING** Grant

2-7 years after PhD

*PI is **starting** first research team
transition to independence*

ERC **CONSOLIDATOR** grant

7-12 years after PhD

*PI is **consolidating** team
consolidation of independence*

ERC **ADVANCED** grants

internationally recognized
research leaders



Eligibility window 2017 (StG and CoG)

Starting grant: PhD 2-7 years prior to 1 January 2017
(between 1 January 2010 and 1 January 2015)

Consolidator grant: PhD 7-12 years prior to 1 January 2017
(between 1 January 2005 and 1 January 2010)

Extensions to eligibility window:

- Maternity leave: 18 months per child;
 - Paternity leave: accumulation of actual time taken off
 - Long-term illness (PI or direct family >90 d), clinical training, national service
- } before/
after PhD
- } after PhD

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ERC StG & CoG - What is allowed?

- Budget:

up to 1,5 M€ (StG)
up to 2 M€ (CoG)
- | | |
|------------------------------|-----------------------------------|
| Top up of 0,5/0,75 M€ | <i>PI moving to Europe</i> |
| in case of: | <i>purchase major equipment</i> |
| | <i>access to large facilities</i> |
- Up to 5 years
- Min. 50% (StG) and 40% (CoG) of time dedicated to the project
- Including *portability*

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Profile of PI (*StG and CoG*)

- Promising track record of early achievements, including:
 - Significant publications as main author in:
 - *major international peer-reviewed multidisciplinary journals*
 - or**
 - *the leading international peer-reviewed journals of their respective field*
- Important publications without PhD supervisor
 - StG**: at least 1; **CoG**: several
- Invited presentations, awards, granted patents

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Indicative budget 2017

	Project size	Call budget
Starting grants	1,5 M€ + up to 0,5 M€	605 M€
Consolidator grants	2 M€ + up to 0,75 M€	575 M€

Expected to fund ~415 StG proposals; ~320 CoG proposals

Expected success rate for each scheme ~14%

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ERC Advanced grant - What is allowed?

- Up to **2,5 M€**
 - 1,0 M€ extra in case of: *PI moving to Europe*
 - major equipment investment*
 - access to large facilities*
- Up to 5 years
- Min. 30% of time dedicated to the project
- Including *portability*

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AdG – Profile of PI

- Active researcher
- Track-record of significant achievements **in the last 10 years**
 - *Contribution to research field*
 - *Ability to change research fields*
 - *International recognition*
 - *Inspire younger researchers*
 - *Leadership in industrial innovation*

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Indicative budget

	Project size	Call budget
Advanced grants	2,5 M€ + up to 1,0 M€	567 M€

Expected to fund ~245 proposals

Expected success rate ~12%

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Provisional Call deadlines 2017

Provisional deadlines:

Starting grant 2017	Opening: 19 July 2016 Deadline: 18 October 2016
Consolidator Grant 2017	Opening: 20 October 2016 Deadline: 9 February 2017
Advanced grant 2017	Opening: 16 May 2017 Deadline: 31 August 2017

Dates may still change: check final WP 2017..

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Submission


- Single submission – two step evaluation
- Only 1 proposal for ERC research grant under 2017 work programme
- Strict resubmission rules



3 domains - 25 panels

- Physical Sciences and Engineering
- Life Sciences
- Social Sciences and Humanities

Budget division over domains and panels based on No. of applications received



Examples of Panels

Choose the right panel and key words

PE10: Earth system science

Physical geography, geology, geophysics, atmospheric sciences, oceanography, climatology, cryology, ecology, global environmental change, biogeochemical cycles, natural resources management


SH4: the human mind and its complexity:

Cognitive science, psychology, linguistics, philosophy of mind

LS8: Evolutionary, population and environmental biology:

evolution, ecology, animal behaviour, population biology, biodiversity, biogeography, marine biology, microbial ecology

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The proposal

Single submission – two-step evaluation

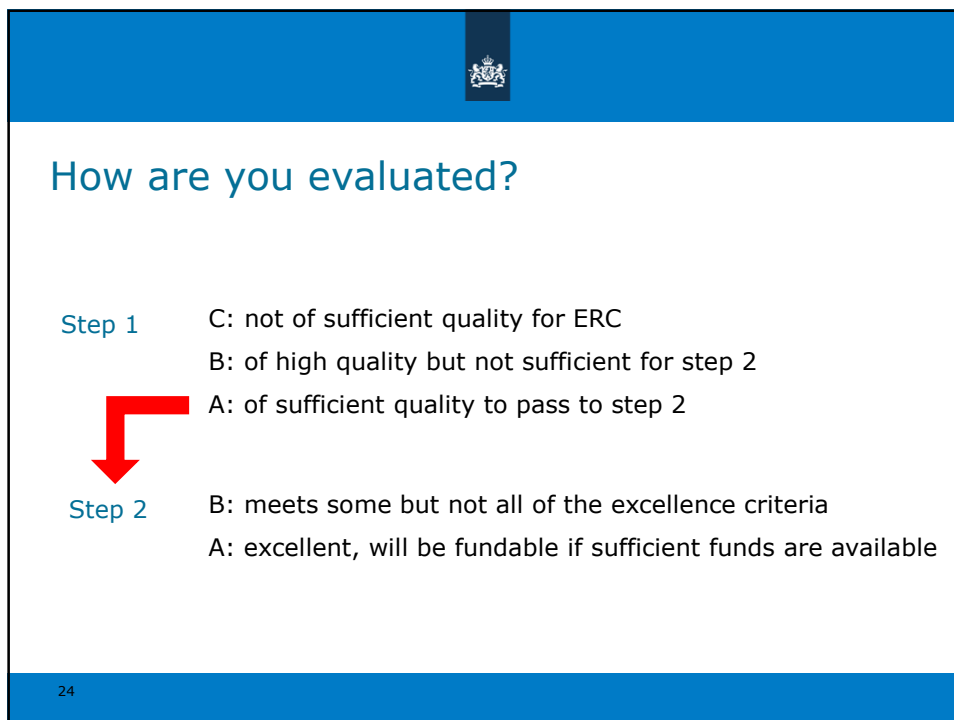
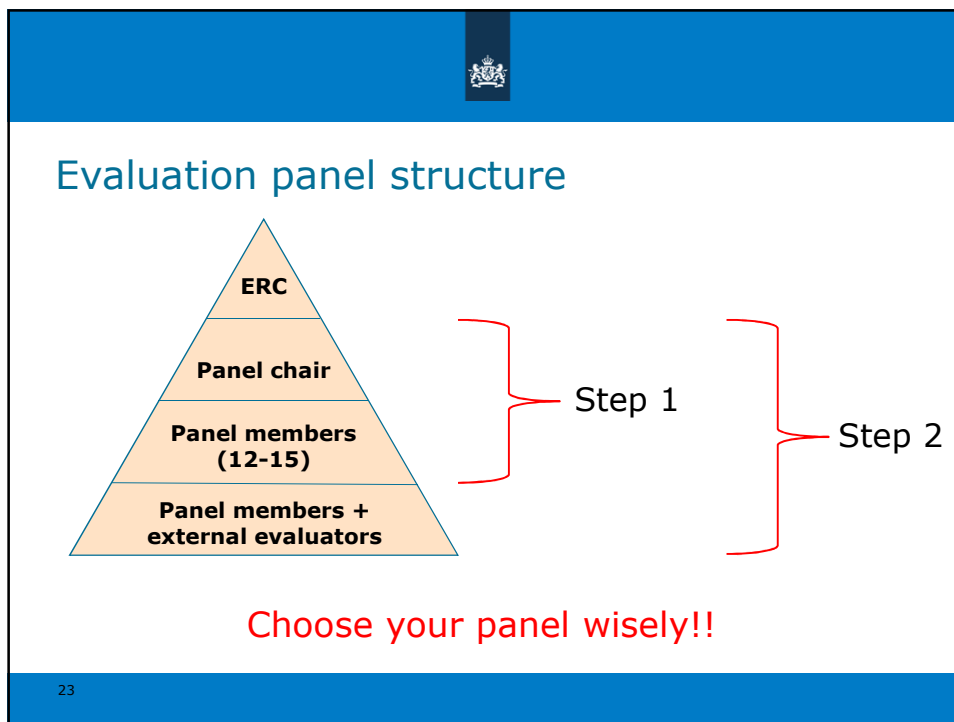
PART A	ANNEXES	PART B1	PART B2
Web forms A1-A3 forms Ethics table	Host Inst. Binding statement of support PhD certificate Extension documents Ethical annexes	Section 1 PI & Synopsis a. Extended synopsis 5p. b. CV (including funding ID) 2p. c. Track record 2p.	Section 2 Scientific proposal 15 p. a. State of the art & objectives b. Methodology c. Resources

→

Eligibility check
step 1
step 2 (incl. interview)



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Resubmission rules

First-step score

B score: may not submit for next call

C score: may not submit for coming **2** calls

Strategic planning crucial

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Resubmission rules 2017

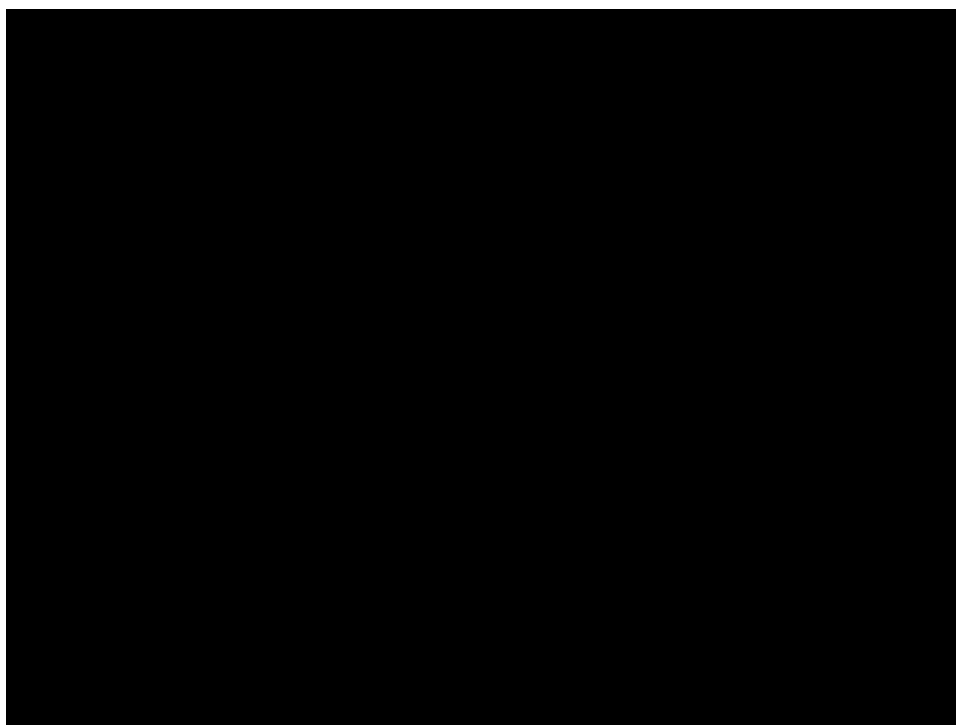
Second-step A or B score in 2016: may resubmit for 2017 calls

First-step B score in 2016: may **not** resubmit for 2017 calls

First-step C score in 2015 or 2016: may **not** resubmit for 2017 calls

* Based on *draft WP*

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Rijksdienst voor Ondernemend
Nederland

1 Miljoenenspel

**How to play
the game....**

*» Als het gaat om duurzaamheid,
innovatie en internationaal*




High risk
Ambition
Novelty

Versus

Feasibility

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ERC panel member:

"We are looking to fund excellent scientists with a vision and brilliant plans to achieve that vision, rather than individual research projects..."

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Your vision
and creativity

- Information on your methodology
- Preliminary data
- Contingency plan
- Proven expertise



Credibility...

