II. The Evaluation process

Submission and evaluation of proposals







CONTENTS

- The Evaluation process
 - Submission (strict deadlines)
 - Elegibility (1 month approx)
 - Step 1 evaluation (4 months)
 - Step 2 evaluation (& interviews) (3-4 months)
- Some figures for panels





The participant portal, ECAS account, A forms and ANNEX

SUBMISSION







Submission of proposals

PART A – online forms

A1 Proposal and PI info

A2 Host Institution info

A3 Budget

<u>Annexes</u> – submitted as .pdf

Statement of support of HI

If applicable: explanatory information on ethical issues; copy of PhD (StG, CoG); document for extension of eligibility window (StG, CoG)

PART B1 - submitted as .pdf

Extended Synopsis

5 p.

CV

2 p.

Track Record

2 p.

PART B2 - submitted as .pdf

Scientific Proposal 15 p.







Submission of proposals

PART A – online forms

A1 Proposal and PI info

A2 Host Institution info

A3 Budget

<u>Annexes</u> – submitted as .pdf

- Statement of support of HI
- If applicable: explanatory information on ethical issues; copy of PhD (StG, CoG); document for extension of eligibility window (StG, CoG)

PART B1 - submitted as .pdf

Extended Synopsis

5 p.

CV

2 p.

- One single deadline (strictly enforced)
- Proposal complete (A+B1+B2) + HI letter and other docs: readable
- Panel identification and keywords







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RESEARCH & INNOVATION

Participant Portal

ropean Commission > Research & Innovation > Participant Portal > Home

HOME

FUNDING OPPORTUNITIES

HOW TO PARTICIPATE

EXPERTS

SUPPORT .





English



Horizon 2020 Funding

Starting from 1/1/2014

On this site you can find and secure funding for research & innovation projects under the following EU programmes:

- · 2014-2020 Horizon 2020 research and innovation framework programme
- 2007-2013 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)

Non-registered users

- · search for funding
- · read the funding guide & download the legal documents
- · check if an organisation is already registered
- contact our support services or check our FAQs

Registered users

- · submit your proposal
- · sign the grant
- · manage your project throughout its lifecycle















EUROPEAN COMMISSION AUTHENTICATION SERVICE (ECAS)

External

EUROPA > Authentication Service > Login



authenticates your identity on European Commission websites

Participants Portal requires you to authenticate

 Login New password
 New pass Sign Up Help Login Not registered yet Is the selected domain correct? External Change it Username or e-mail address * Password * More options... Lost your password? Login! * Required fields Or log in with your



RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Home

FUNDING OPPORTUNITIES HOW TO PARTICIPATE

EXPERTS SUPPORT * RESTHER RODRIGUEZ BLANCO

English

My Organisation(s)

My Proposal(s)

My Project(s)

My Notification(s)

My Expert Area



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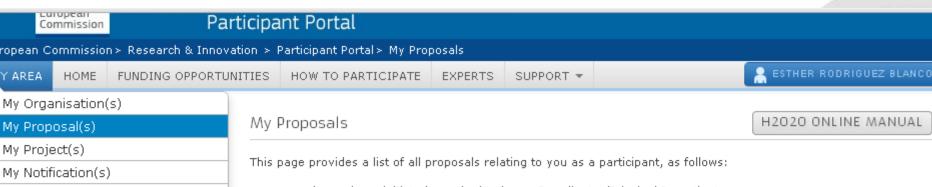








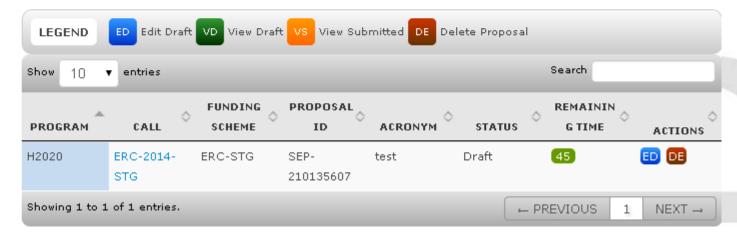




- · proposals you have initiated or submitted as a Coordinator/Principal Investigator, or
- proposals you have contributed to as a project participant

You can view, edit or download your draft or submitted proposals, depending on the proposal status and the deadline of the relevant call.

To start preparing a new proposal, go to Funding Opportunities, to the page of the call or topic that you want to apply for, and enter the **electronic submission system.**





My Expert Area





Step 5

Edit Proposal





You're using Chrome 32 on Windows. Adobe Reader is not installed or not enabled. Under these conditions, all PDF forms will have to be downloaded on your computer in order to be edited.

for more information, please

Edit Proposals' Forms

In this step you can edit the administrative forms and upload the proposal itself. 🔮

WARNING: This proposal contains changes that have not yet been submitted...

Administrative Forms

Edit will open the forms in Adobe Reader.

edit forms

view history

print preview

Part B and Annexes

In this section you may upload the technical annex of the proposal (in PDF format only) and any other requested attachments. 3

download templates

Extra Annex 3

Extra Annex 4

Part B1	upload
Part B2	upload
Host Support Letter	upload
PhD certificate	upload
Extra Annex 1	upload
Extra Annex 2	upload

upload

upload



















Administrative information

- A1, A2 forms, ethics check list
- A3 budget: Total budget must be equal than the one stated in B2. In case of discrepancy, A3 prevails.
- HI support letter: template given*, duly signed and stamped with date.
- PhD Diploma
- Extension of elegibility: official docs.
- If applicable: Ethical Issues Annex
 → "How to complete your ethics self assessment"





Exclusion of reviewers

- Up to three names, not reason needed
- Usually respected, but the panel chair has the last word.





Keywords

- Each panel has its own descriptors/keywords
- Free text keywords also
- Keywords determine who will read your proposal as evaluator and/or external referee.
 Check them carefully
- Keywords ~ panel members
- Some new keywords for panels SH, LS9, PE7





Panel Structure

Life Sciences

- LS1 Molecular & Structural Biology & Biochemistry
- LS2 Genetics, Genomics, Bioinformatics & Systems Biology
- LS3 Cellular and Developmental Biology
- LS4 Physiology, Pathophysiology & Endocrinology
- LS5 Neurosciences & Neural Disorders
- LS6 Immunity & Infection
- LS7 Diagnostic tools, Therapies & Public Health
- LS8 Evolutionary, Population & Environmental Biology
- LS9 Applied Life Sciences & Biotechnology

Social Sciences and Humanities

- SH1 Individuals, Institutions & Markets
- SH2 The Social World, Diversity and Common Ground
- SH3 Environment ,Space and Population
- SH4 The Human Mind and its Complexity
- SH5 Cultures & Cultural Production
- SH6 The Study of the Human Past

Physical Sciences & Engineering

- PE1 Mathematics
- PE2 Fundamental Constituents of Matter
- PE3 Condensed Matter Physics
- PE4 Physical & Analytical Chemical Sciences
- PE5 Materials & Synthesis
- PE6 Computer Science & Informatics
- PE7 Systems & Communication Engineering
- PE8 Products & Process Engineering
- PE9 Universe Sciences







Keyword structure

SH1 Markets, Individuals and Institutions: Economics, finance and management

- SH1_1 Macroeconomics; monetary economics
- SH1_2 International trade, international business, development, economic growth
- SH1_3 Econometrics, game theory, experimental design, operations research
- SH1 4 Labour economics; institutional economics
- SH1_5 Political economy, public economics
- SH1 6 Microeconomics, behavioural economics
- SH1 7 Industrial organisation
- SH1 8 Strategy; entrepreneurship
- SH1_9 Technological change, innovation, research & development
- SH1 10 Financial markets, asset prices, international finance
- SH1_11 Banking, corporate finance, accounting, auditing, insurance
- SH1_12 Marketing
- SH1_13 Management; operations management
- SH1_14 Organisational behaviour; human resource management
- SH1_15 History of economic thought, quantitative economic history

LS7 Diagnostic Tools, Therapies and Public Health: Aetiology, diagnosis and treatment of disease, public health, epidemiology, pharmacology, clinical medicine, regenerative medicine, medical ethics

- LS7_1 Medical engineering and technology
- LS7_2 Diagnostic tools (e.g. genetic, imaging)
- LS7_3 Pharmacology, pharmacogenomics, drug discovery and design, drug therapy
- LS7_4 Analgesia and Surgery
- LS7_5 Toxicology
- LS7_6 Gene therapy, cell therapy, regenerative medicine
- LS7_7 Radiation therapy
- LS7_8 Health services, health care research
- LS7_9 Public health and epidemiology
- LS7_10 Environment and health risks, occupational medicine
- LS7 11 Medical ethics







Match

PE9 (StG 2013)

- Georges Meylan (Panel Chair)
- 2. João Manuel Alves
- 3. Luciana Bianchi
- 4. Robert H. Brandenberger
- 5. Marc Chaussidon
- 6. Carsten Dominik
- 7. Eva Grebel
- 8. Luigi Guzzo
- 9. Richard Harrison
- 10. Carole Mundell
- 11. Hagai Netzer
- 12. Guy Perrin
- 13. Peter Schneider
- 14. José-María Torrelle

PE9 keywords

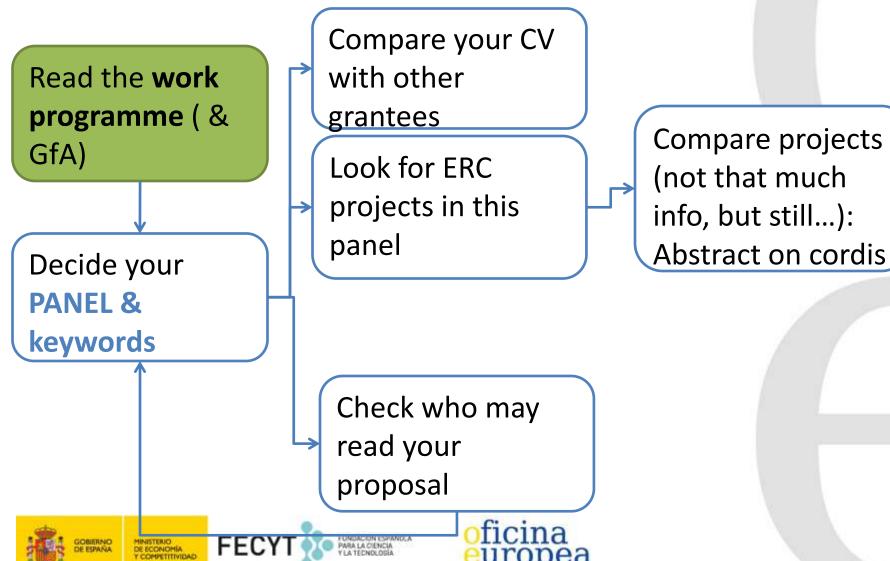
- PE9_1 Solar and interplanetary physics
- PE9_2 Planetary systems sciences
 - PE9 3 Interstellar medium
- PE9_4 Formation of stars and planets
- PE9_5 Astrobiology
- PE9 6 Stars and stellar systems
- PE9_7 The Galaxy
- PE9_8 Formation and evolution of galaxies
- PE9_9 Clusters of galaxies and large scale structures
- PE9_10 High energy and particles astronomy
 X-rays, cosmic rays, gamma rays, neutrinos
- PE9_11 Relativistic astrophysics
- PE9_12 Dark matter, dark energy
- PE9_13 Gravitational astronomy
- PE9_14 Cosmology
- PE9_15 Space Sciences



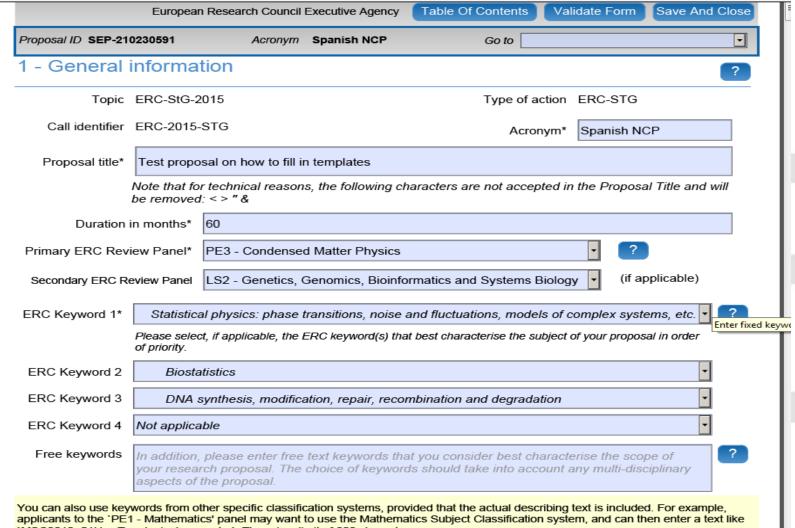




Panel choice, golden rule: your CV (?)



Secondary panel: Yes or no?





'MSC2010: 51Hxx Topological geometry'. There is a limit of 200 characters

ELEGIBILITY









ELEGIBILITY

- All documents readable
- PhD award date
- MD cases
- Maternity leave: certificate of birth / libro de familia
- Paternity leave: official leave taken (SS or employer certificate)
- Sick leave







B1+B1+B2

2 STEP EVALUATION (2 STEPS!)







The whole process

ScC designates
Panel members &
chairs

Chair distributes proposal among panel members

Interviews

Remote evaluation (+ external referees) (B1+B2)

1st Panel Meeting: Rank: A, B, C Final Rank: A, B

Chairs' meeting with ScC

Remote evaluation (b1) and scoring











The whole process (what can we do)

ScC (Right panel choice Interviews Panel Final Rank: A, B Right keywords choice Remote evaluation Chair distributes Chairs' meeting (+ external proposal among with ScC referees) (B1+B2) panel members Choice of keywords + Very good abstract → referees 1st Panel Meeting: Remote evaluation Very good and coherent Rank: A, B, C (b1) and scoring B1+B2 cına Very good abstract + B1

ERC Evaluation system

- 375 evaluators from the 25 panels (3 domain): ~
 5000 proposals
- Recruited by the ERC Scientific Council
- Assigned to one panel according to CV and expertise
- % of confidence in 20 specific fields (descriptors) within the area of the panel
- Identify 10 free keywords defining my expertise
- Establish own current interest







Panel Composition

- Each panel is composed of 12-15 panel members (PM)
- One acts as Panel Chair (PC)
- 1 Panel Coordinator from Scientific Council
- Good balance between different fields of panel area
- Panel composition has maximum two members from one country
- PM composition is decided half a year before proposals submission. PM changes in consecutive years
- Conflict of interest (CoI) strictly attained for each individual proposal
- Non-PM can submit a proposal at the same call







Panel Members

SH1

- Jordi Galí (Panel Chair)
- Jean-Marie Baland
- Alberto Bisin
- Estelle Cantillon
- Marco Da Rin
- Alfonso Gambardella
- Hubert Gatignon
- Bronwyn Hall
- Aikaterini Kyriazidou
- Philippe Martin
- Stephanie Schmitt-Grohe
- Naufel Vilcassim
- Josef Zechner
- Ekaterina Zhuravskaya



LS7

- Seppo Ylä-Herttuala (Panel Chair)
- Marina Cavazzana-Calvo
- Jozef Dulak
- Hermann Einsele
- Kari Hemminki
- Klea Katsouyanni
- Irene May Leigh
- Olle Lindvall
- Chrit Moonen
- Laurent Pierre Nicod
- Søren Nielsen
- Abhay Pandit
- Markus Schwaiger
- Marcel Verbeek
- Maria Zankl



Match

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- PE9_2 Planetary systems sciences
 - PE9 3 Interstellar medium
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- PE9_5 Astrobiology
- PE9 6 Stars and stellar systems
- PE9_7 The Galaxy
- PE9_8 Formation and evolution of galaxies
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Social Sciences and Humanities

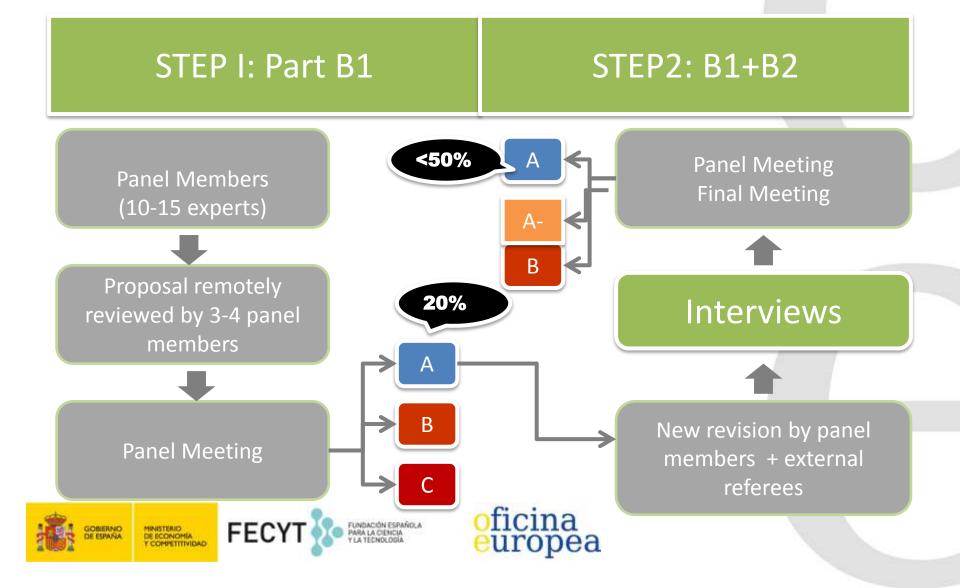
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- PE9 Universe Sciences







Evaluation process



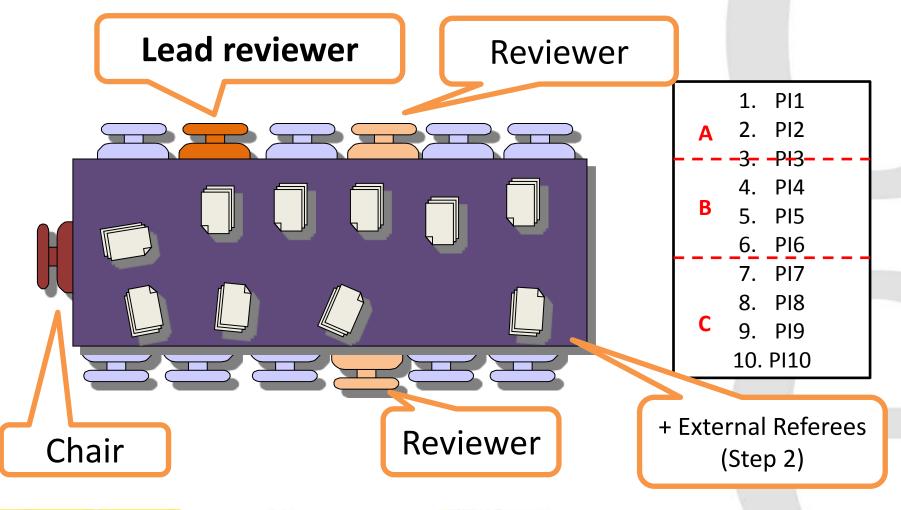
ERC messages to panel members

- ERC funds frontier research in Europe
- Excellent Ideas
- All fields of science and humanities without thematic priorities
- Individual scientists
- No quotas, neither on PI nationality, HI nationality, gender
- One selection criteria: EXCELLENCE
- High risk/ High gain
- Ground-breaking ideas and not good excellent research





Evaluation panel: Ranking meeting









Different roles within a panel

Panel Members

- Individual remote review by electronic means – of a subset of those proposals in preparation of the panel meeting.
- Participation in the panel meetings
- "Lead reviewer" role

Panel Chairs

- To chair the panel meetings.
- To (re-)allocate proposals to review panels.
- To assign proposals to Panel Members (and to remote Referees) .
- To attend the Panel Chairs' meeting in order to assess the response to the call for proposals and plan the work of the panel accordingly

Remote referees

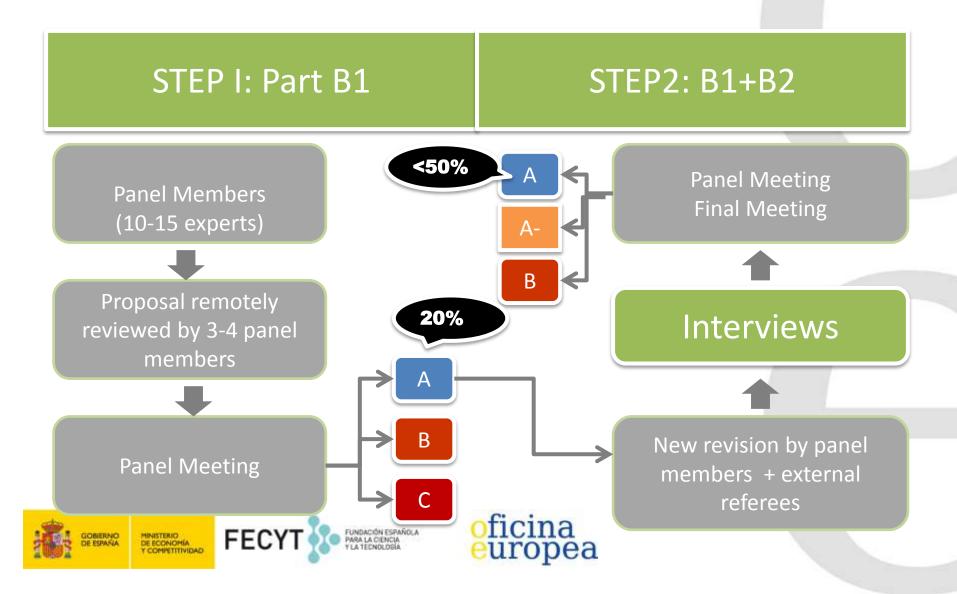
- They are scientists and scholars who bring in the necessary specialised expertise.
- Remote Referees work remotely and deliver their i n d ividual reviews by electronic means
- Typically 2000/call
- Evaluate a small number of proposals
- Answer the same evaluation questionnaire as PM
- Crucial in the second stage evaluation
- Recruited by PM upon acceptance of Scientific Council







Evaluation process



Stage 1

- A- PC assigns proposals to panel members (3-4/RP) (evaluations could be requested to other panels).
- B- Remote assessments by panel members (and external referees if assigned)
 - PI and Synopsis evaluation only: Each PM evaluates 40-50 prop in 2 months
- C- Panel meeting Decision of proposals retained for step 2
- D- Feedback to applicants: Grade A, B, C (only A is retained)







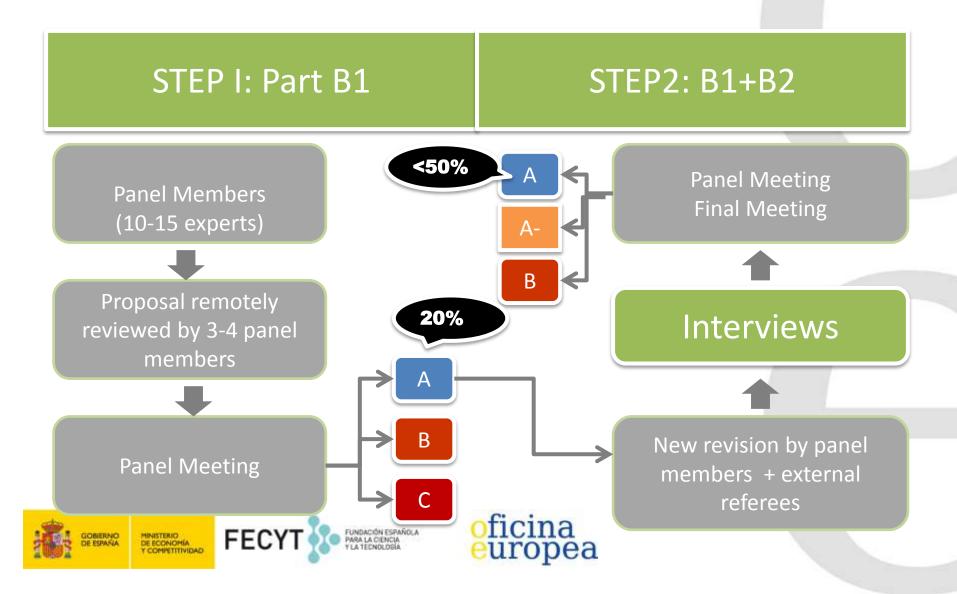
Panel meeting and ranking (1)

- Proposals are ranked in a list according to remote evaluation
- Discussed one by one
- Usually, ~20% ranked A (retained), ~50% ranked B, 30% ranked C
- Discrepancies among PM usually are in top B / bottom A proposals
- All B and C- proposals receive the PM comments (discussion) together with all remote evaluations (unchanged). Read carefully PM comments
- A- proposals are requested for interview in stage 2





Evaluation process



Stage 2

- E- Assign external referees to retained proposals
- F- Remote assessments by PM and referees (6-7/RP)
 Full proposal evaluation includes budget Each PM
 evaluates ~ 10 proposals. Also evaluations from
 external referees
- **G** Panel meeting + interview Ranked list of proposals
- H- Feedback to applicants: Decision for proposals to be funded. All proposals receive panel comments
- I- Redress cases





Panel meeting & ranking (2)

- Proposals are ranked in a list according to remote evaluation.
 Discussed one by one
- All PM evaluate all interviews (except Col)
- Proposal's lead reviewer (PM) directs the interview
- Questions by external referees are raised at interview
- Give a copy of presentation to all PM (\sim 15) It helps to remember PI/RP during the final discussion
- Bring extra slides for possible questions
- If new preliminary results, show them (it's 6 month later)
- Be aware of recent publications of the field
- Panel discussion already starts after your interview It has





Some indicative figures

PRESSURE ON THE PANELS







Pressure on the panels

StG2013: 3255 proposals, ~300 grants, 9% Success Rate

PE

150 pp

PE6, PE8

LS

100 pp

LS7, LS5

SH

100 pp (200)

SH2 (changed in 2014), SH4









Pressure on the panels

StG2013: 3255 proposals, ~300 grants, 9% Success Rate

PE

150 pp

PE6, PE8

SH 100 pp (200)

Highest presure usually means bropanel.

150 proposals, 12-15 panel members reviews per proposal







Pressure on the panels

StG2014: 3272 proposals, ~370 grants, 11% Success Rate

PE 150 pp

PE6, PE8

LS

115 pp

LS7, LS5

SH

110 pp (200)

SH2 (changed in 2014), SH4









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	7		
	7 P F		-//////////

	SIG ZUIS PL. IZU-ZUU					
		Total	%	Total	%	Success Rate %
ERC-SG-PE	ERC Starting Grant Physical Sciences and Engineering Domain	1.467	45,07 %	120	43,80 %	8,18 %
ERC-SG-PE1	ERC Starting Grant - Mathematical foundations	119	3,66 %	11	4,01 %	9,24 %
ERC-SG-PE10	ERC Starting Grant - Earth system science	127	3,90 %	10	3,65 %	7,87 %
ERC-SG-PE2	ERC Starting Grant - Fundamental constituents of matter	152	4,67 %	13	4,74 %	8,55 %
ERC-SG-PE3	ERC Starting Grant - Condensed matter physics	151	4,64 %	12	4,38 %	7,95 %
ERC-SG-PE4	ERC Starting Grant - Physical and Analytical Chemical sciences	132	4,06 %	11	4,01 %	8,33 %
ERC-SG-PE5	ERC Starting Grant - Materials and Synthesis	159	4,88 %	13	4,74 %	8,18 %
ERC-SG-PE6	ERC Starting Grant - Computer science and informatics	192	5,90 %	16	5,84 %	8,33 %
ERC-SG-PE7	ERC Starting Grant - Systems and communication engineering	116	3,56 %	9	3,28 %	7,76 %
ERC-SG-PE8	ERC Starting Grant - Products and process engineering	184	5,65 %	15	5,47 %	8,15 %
ERC-SG-PE9	ERC Starting Grant - Universe sciences	135	4,15 %	10	3,65 %	7,41 %









Evaluated

Mainlist

		0-120

StG 20	J13 F2: 100-150	Total	%	Total	%	Success Rate %
ERC-SG-LS	ERC Starting Grant Life Sciences Domain	1.038	31,89 %	103	37,59 %	9,92 %
ERC-SG-LS1	ERC Starting Grant - Molecular and Structural Biology and Biochemistry	105	3,23 %	10	3,65 %	9,52 %
ERC-SG-LS2	ERC Starting Grant - Genetics, Genomics, Bioinformatics and Systems Biology	109	3,35 %	11	. 4,01 %	10,09 %
ERC-SG-LS3	ERC Starting Grant - Cellular and Developmental Biology	98	3,01 %	10	3,65 %	10,20 %
ERC-SG-LS4	ERC Starting Grant - Physiology, Pathophysiology and Endocrinology	124	3,81 %	13	4,74 %	10,48 %
ERC-SG-LS5	ERC Starting Grant - Neurosciences and neural disorders	153	4,70 %	15	5,47 %	9,80 %
ERC-SG-LS6	ERC Starting Grant - Immunity and infection	98	3,01 %	10	3,65 %	10,20 %
ERC-SG-LS7	ERC Starting Grant - Diagnostic tools, therapies and public health	177	5,44 %	18	6,57 %	10,17 %
ERC-SG-LS8	ERC Starting Grant - Evolutionary, population and environmental biology	95	2,92 %	9	3,28 %	9,47 %
ERC-SG-LS9	ERC Starting Grant - Applied life sciences and biotechnology	79	2,43 %	7	2,55 %	8,86 %

Evaluated

Mainlist

StG '	2013	SH.	20-2	200!!
			00-2	

		Total	%	Total	%	Success Rate %
ERC-SG-SH	ERC Starting Grant Social Sciences and Humanities Domain	750	23,04 %	51	18,61 %	6,80 %
ERC-SG-SH1	ERC Starting Grant - Individuals, institutions and markets	95	2,92 %	8	2,92 %	8,42 %
ERC-SG-SH2	ERC Starting Grant - Institutions, values, beliefs and behaviour	201	6,18 %	13	4,74 %	6,47 %
ERC-SG-SH3	ERC Starting Grant - Environment and society	79	2,43 %	5	1,82 %	6,33 %
ERC-SG-SH4	ERC Starting Grant - The Human Mind and its complexity	170	5,22 %	12	4,38 %	7,06 %
ERC-SG-SH5	ERC Starting Grant - Cultures and cultural production	88	2,70 %	6	2,19 %	6,82 %
ERC-SG-SH6	ERC Starting Grant - The study of the human past	117	3,59 %	7	2,55 %	5,98 %

Evaluated

Mainlist







