ERC Basics

INDIVIDUAL RESEARCHERS FROM ALL OVER THE WORLD

PORTABLE

LONG TERM GRANTS

HIGH-RISK/HIGH-GAIN

ANY FIELD OF RESEARCH
ERC Structure

The ERC Scientific Council

- **21 prominent researchers** proposed by an independent identification committee
- **President** appointed by the Commission following recommendation of an independent committee
- Establishes overall scientific strategy
- Controls quality of operations and management
- Ensures communication with the scientific community

The ERC Executive Agency

- Executes annual work programme
- Implements calls for proposals
- Organises peer review evaluation
- Establishes and manages grant agreements
- Administers scientific and financial aspects
- Carries out communications activities
Scientific Governance by the Scientific Council
ERC in Horizon Europe

Preliminary Structure

**Pillar 1: Excellent Science**
- European Research Council
- Marie Skłodowska-Curie Actions
- Research Infrastructures

**Pillar 2: Global Challenges and Industrial Competitiveness**
- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural resources, Agriculture and Environment

**Pillar 3: Open Innovation**
- European Innovation Council
- European innovation ecosystems
- European Institute of Innovation and Technology

Strengthening the European Research Area
- Widening participation and spreading excellence
- Reforming and Enhancing the European R&I system

Envisaged start of Horizon Europe: 1 January 2021
ERC Funding Schemes

Starting

2-7 years
50%
1.5 M
5 years
ERC Funding Schemes

Consolidator

7-12 years
40%
2.0 M
5 years
ERC Funding Schemes

Significant research achievements
(last 10 years)

30%
2.5 M
5 years
ERC Funding Schemes

Synergy

1

10M
Incl. for 1 non-EU PI

6 years

30%
Submission

**PART A**

**Section 1** Proposal and PI info

**Section 2** Host Institution info

**Section 3** Budget

**Section 4** Ethics

**Section 5** Call-specific Questions

**PART B1** — submitted as .pdf

- Abstract and Cross-domain explanation 1 p.
- Extended Synopsis 5 p.
- (Recommended Model) CV 2 p.
- Funding ID 1 p.
- Track Record 2 p.

**PART B2** — submitted as .pdf

- Scientific Proposal 15 p.

**Annexes** — submitted as .pdf

- Statement of support of HI
- If applicable:
  - explanatory information on ethical issues
2021 - 2022 Panel Structure

Each panel: Panel Chair and 12-16 Panel Members

Life Sciences
- **LS1** Molecules of Life: Biological Mechanisms, Structures and Functions
- **LS2** Integrative Biology: from Genes and Genomes to Systems
- **LS3** Cellular, Developmental and Regenerative Biology
- **LS4** Physiology in Health, Disease and Ageing
- **LS5** Neuroscience and Disorders of the Nervous System
- **LS6** Immunity, Infection and Immunotherapy
- **LS7** Prevention, Diagnosis and Treatment of Human Diseases
- **LS8** Environmental Biology, Ecology and Evolution
- **LS9** Biotechnology and Biosystems Engineering

Social Sciences and Humanities
- **SH1** Individuals, Markets and Organisations
- **SH2** Institutions, Governance and Legal Systems
- **SH3** The Social World and its Diversity
- **SH4** The Human Mind and Its Complexity
- **SH5** Cultures and Cultural Production
- **SH6** The Study of the Human Past
- **SH7** Human Mobility, Environment, and Space

Physical Sciences & Engineering
- **PE1** Mathematics
- **PE2** Fundamental Constituents of Matter
- **PE3** Condensed Matter Physics
- **PE4** Physical & Analytical Chemical Sciences
- **PE5** Synthetic Chemistry and Materials
- **PE6** Computer Science and Informatics
- **PE7** Systems and Communication Engineering
- **PE8** Products and Processes Engineering
- **PE9** Universe Sciences
- **PE10** Earth System Science
- **PE11** Materials Engineering
How ERC research proposals are evaluated

- Excellence of the Research Project
  - Ground breaking nature
  - Potential impact
  - Scientific Approach

- Excellence of the Principal Investigator
  - Intellectual capacity
  - Creativity
  - Commitment
What do you need to submit an ERC research proposal

- Design a **research project** to implement the idea
- Get a letter of support from a **Host Institution**
- Choose your **panel**
- Select appropriate **descriptors** and **keywords**
- Select **secondary panel** if your proposal is **interdisciplinary** — explain the inter-disciplinary nature
- Write the **research proposal** and submit **electronically** before the deadline!

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**Early registration and submission is strongly recommended**
Help available

Info for applicants and work programme

Step-by-step video to ERC grants

ERC website

Grantees experiences