

# EUROPEAN RESEARCH COUNCIL



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European  
Commission

Horizon 2020  
European Union funding  
for Research & Innovation

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# ERC Basics



European Research Council  
Established by the European Commission

ANY FIELD  
OF RESEARCH  
PORTABLE

INDIVIDUAL RESEARCHERS FROM  
ALL OVER THE WORLD

LONG TERM  
**GRANTS**  
HIGH-RISK/HIGH-GAIN



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# ERC Structure



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## 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



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**European Research Council**

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## Governance by the Scientific Council



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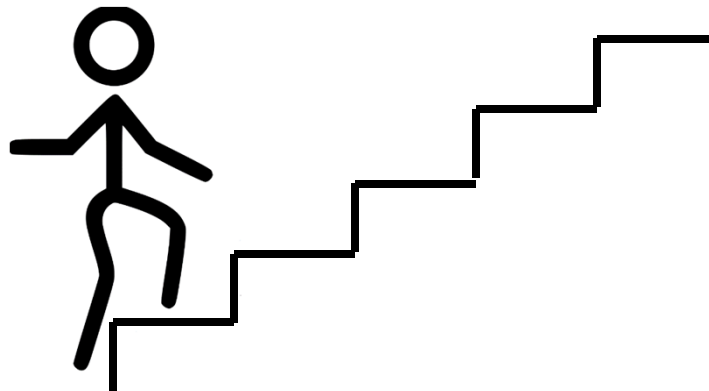
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# ERC Funding Schemes: StG



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starting



50%

2-7 years



50%

1.5 M



5 years



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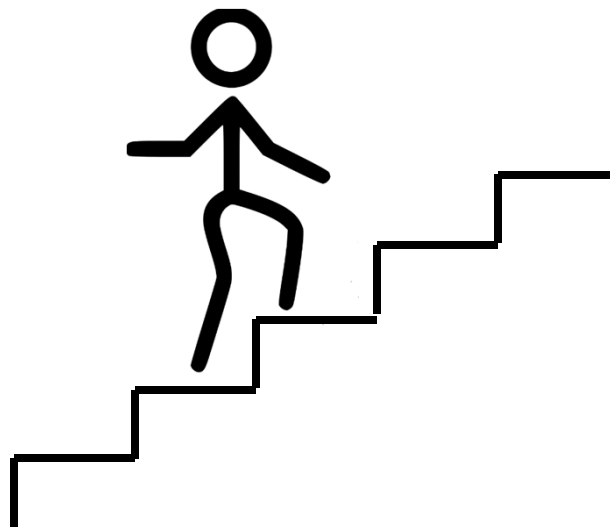
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# ERC Funding Schemes: CoG



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Consolidator



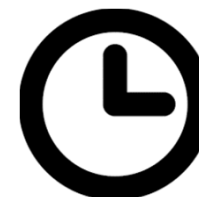
50%

7-12 years



40%

2.0 M



5 years

# ERC Funding Schemes: AdG



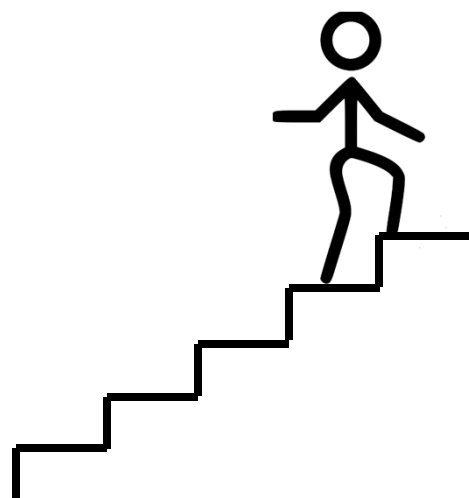
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## Significant research achievements

(last 10 years)

Advanced



30%

2.5 M



5 years



50%



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# ERC Funding Schemes: SyG



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Synergy



2, 3 or 4 PIs

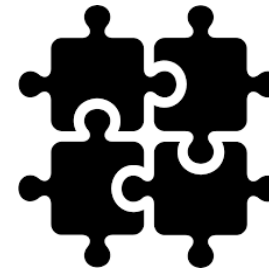


10M

Incl. for 1 non-EU PI



6 years



30%



# How ERC research proposals are evaluated



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*Excellence is the sole evaluation criterion*

- **Excellence of the Research Project**
  - Ground breaking nature
  - Potential impact
  - Scientific Approach
- **Excellence of the Principal Investigator**
  - Intellectual capacity
  - Creativity
  - Commitment

# So when can I apply?



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Call	Planned Deadlines
Starting (StG)	13 January 2022
Consolidator (CoG)	17 March 2022
Advanced (AdG)	31 August 2021
Synergy (SyG)	10 November 2021

# Help available



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## Info for applicants and work programme

ERC Work  
Programme  
2020

## ERC Classes on YouTube



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## ERC website



## Grantees experiences

# 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