Logic Tree for Grant Writing

An simple Tool in Grant Support

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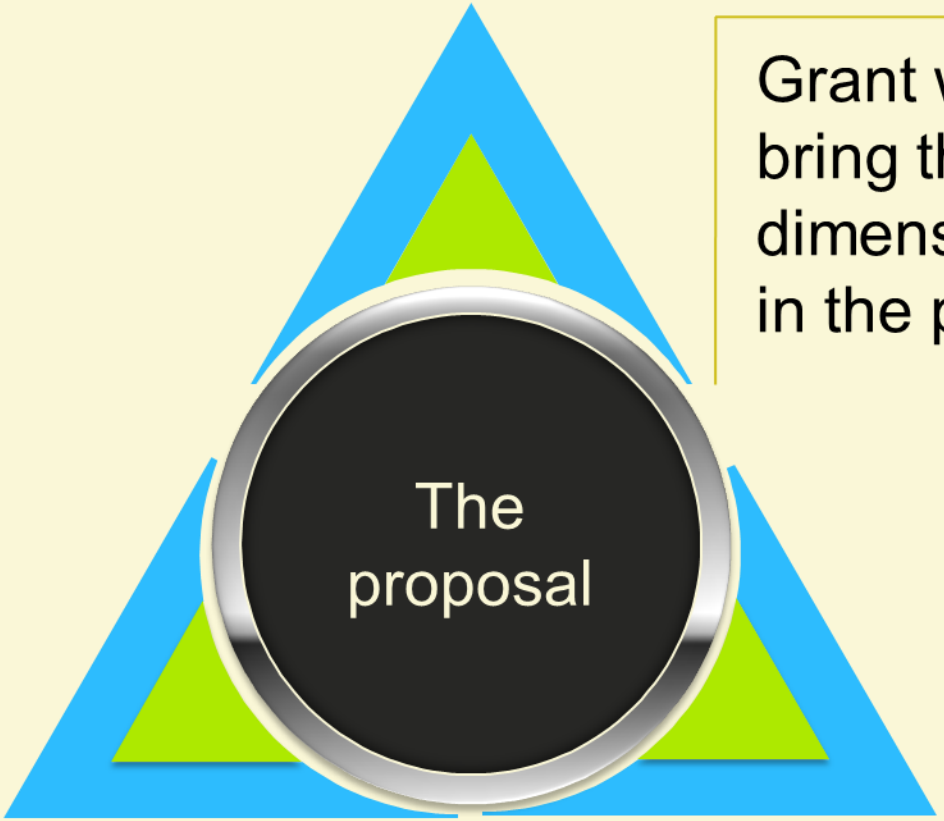
Grant Writing

Research processes



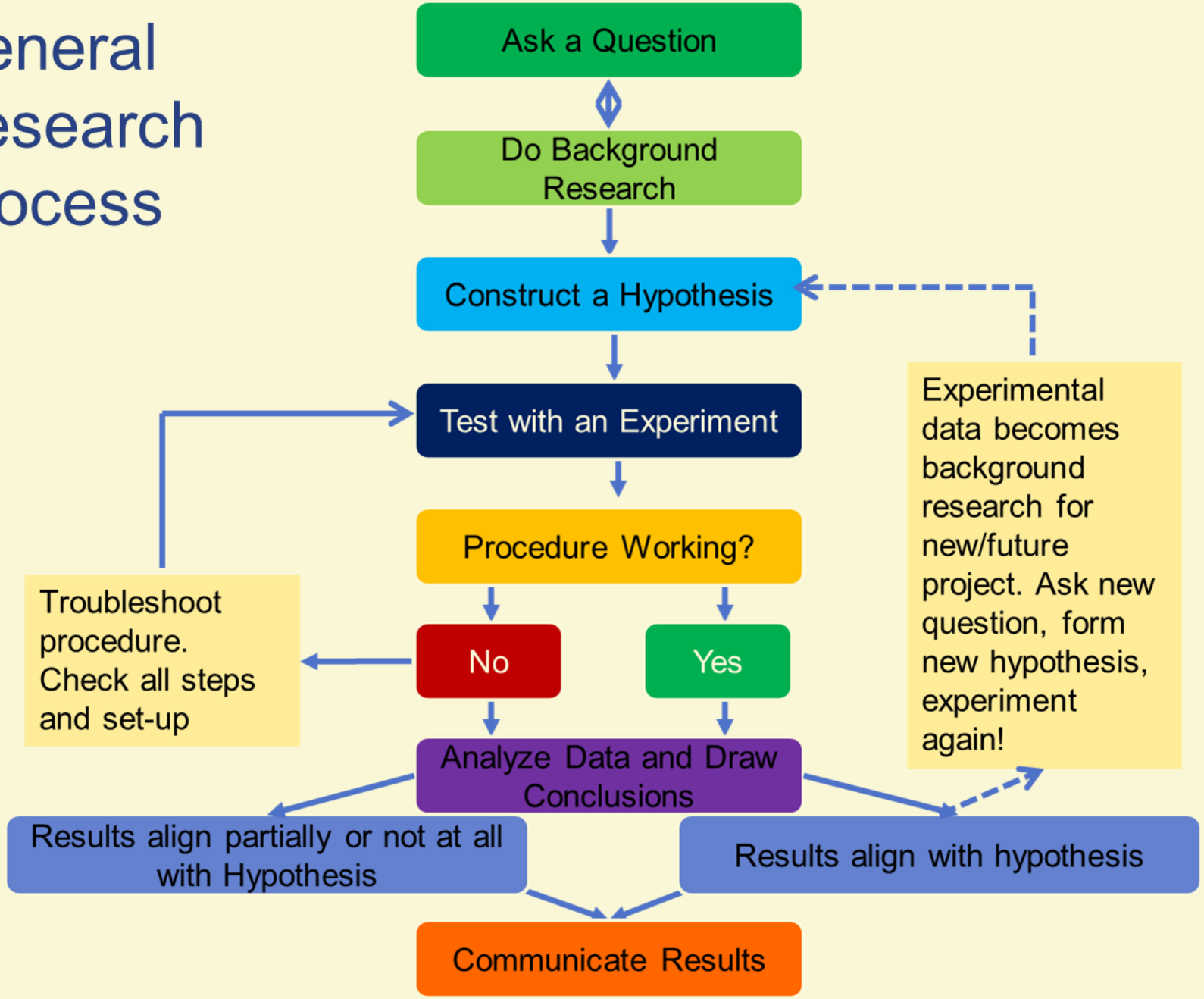
Grant writing is to bring these 3 dimensions together in the proposal

The evaluation Criteria

The template

The Researcher’s mindset

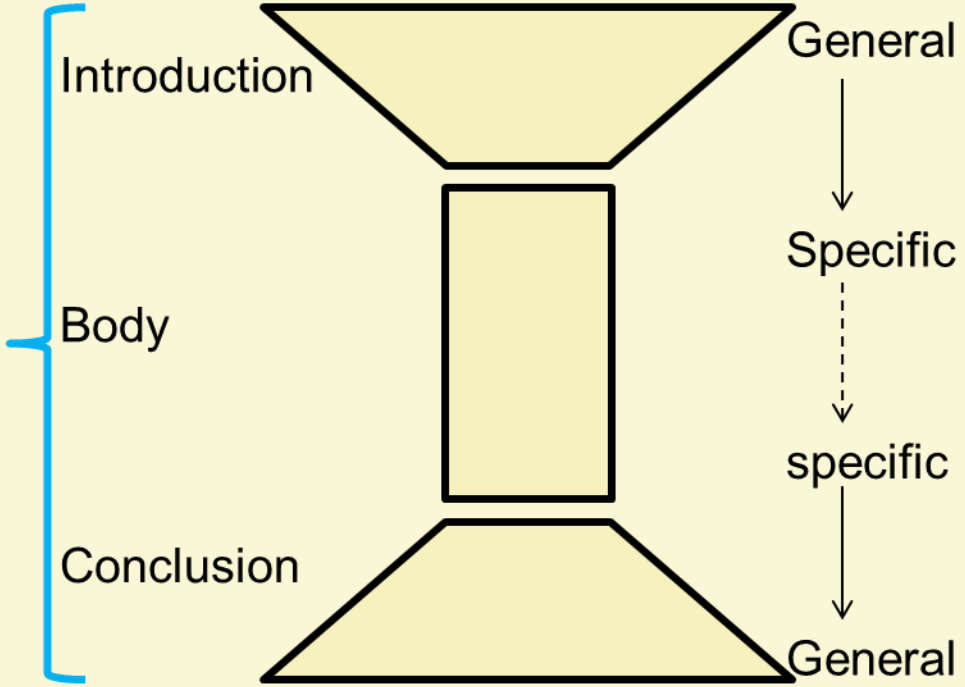
General Research Process



Source: internet: 2013_updated_scientific-method_v6

Writing down the Results

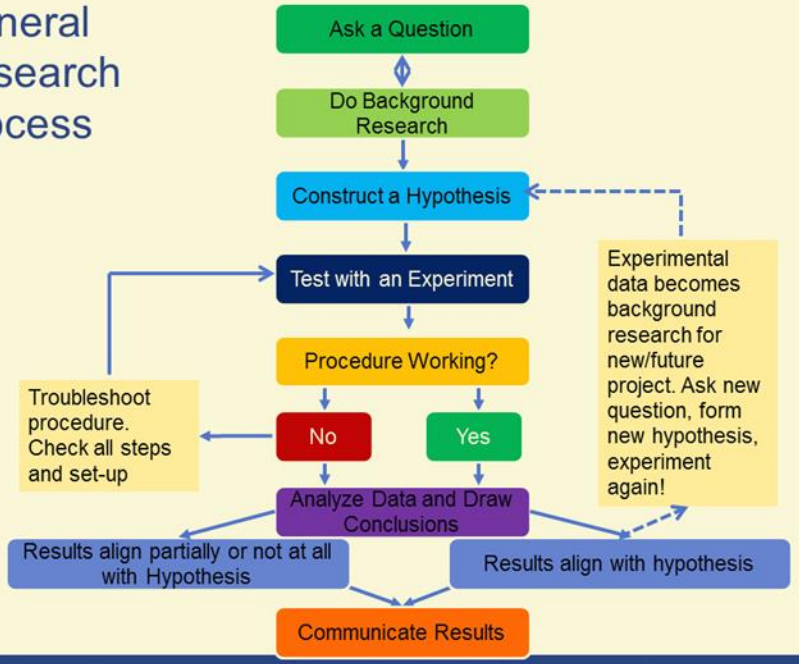
- Hour Glass Model
  Swal93



The Reviewer’s mindset

Reviewers are Scientists with a Research Mindset

General Research Process

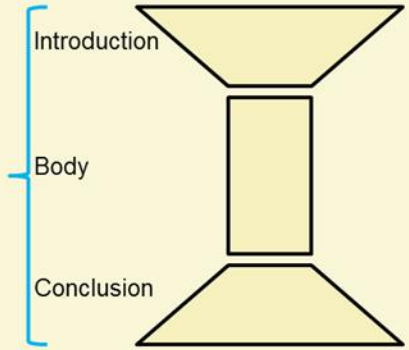


Source: internet: 2013_updated_scientific-method_v6

Writing down the Results

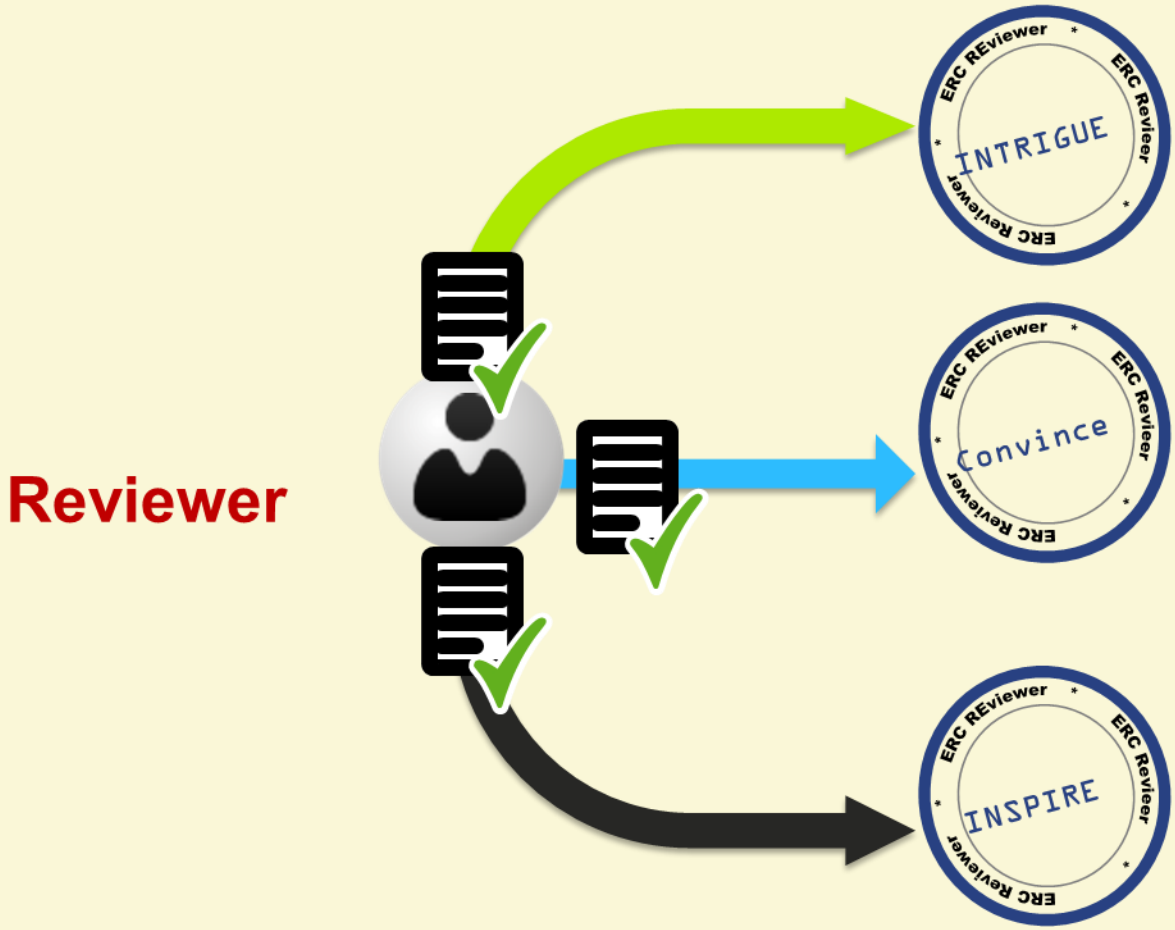
Section Theme

- Hour Glass Model
  Swal93



What drives the reviewer?

Scientific Excitement

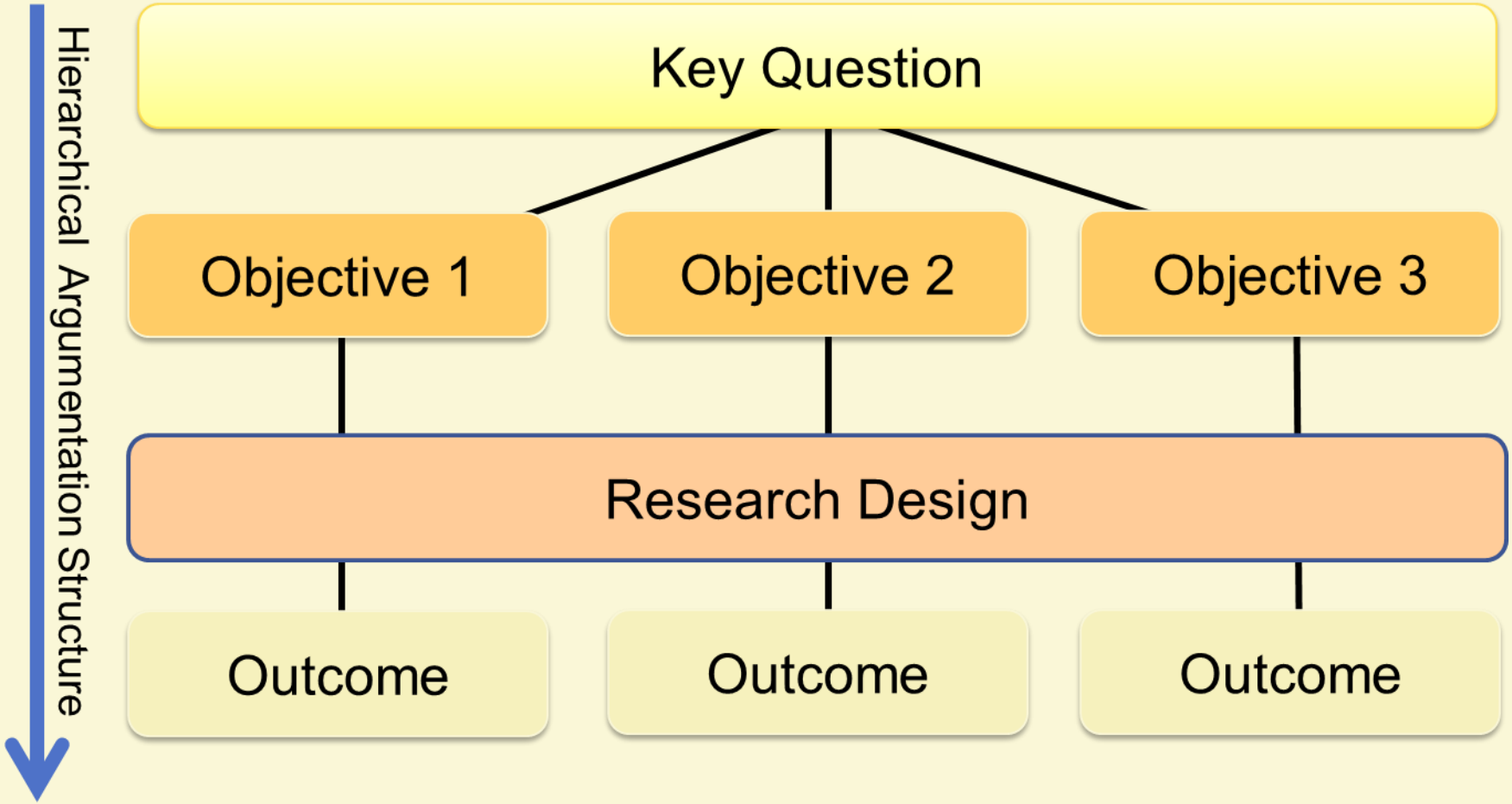


The logic of logic models

Logic Models

"… a graphic description of the structure of the grant (template and evaluation criteria) designed to identify how the scientific argumentation can be logically fitted to the structure".

The Logic Tree for Grant Writing



The basic skeleton

Grant Support

Main Structure Horizon 2020

HORIZON 2020: FP FOR RESEARCH AND INNOVATION
Art. 173 AND 182 TFEU

PART (priority) I EXCELLENT SCIENCE	PART (priority) II Industrial Leadership	PART (priority) III SOsocietal CHALLENGES
	FOCUS AREAS	
European Research Council (ERC): 1. Starting Grant 2. Consolidator Grant 3. Advanced Grant 4. Proof of Concept 5. Synergy Grants	**Leadership in Enabling and Industrial Technologies (LEIT)** 1. ICT 2. Nanotechnologies 3. Advanced materials 4. Biotechnology 5. Advanced manufacturing and processing 6. Space	1. Health, demographic change and wellbeing 2. Food security, sustainable agriculture and forestry, marine and maritime and inland water research and bio-economy 3. Secure, clean and efficient energy 4. Smart, green and integrated transport 5. Climate action, environment, resource efficiency and raw materials 6. Europe in a changing world – inclusive, innovative and reflective societies 7. Secure societies – protecting freedom and security of Europe and its citizens
Future Emerging Technologies (FET): 1. FET Open 2. FET Proactive 3. FET Flagships		
MSCA Actions: 1. ITN 2. Ind. Fellowships 3. RISE 4. COFUND	**Access to Risk Finance:** 1. Debt Facility 2. Equity Facility 3. Capacity-Building in Technology Transfer	
Research Infrastructures: 1. Developing EU RI for 2020 2. Fostering innovation potential of RI & HR 3. Reinforcing European RI policy and int. cooperation	**SME INSTRUMENT**	

The Evaluation Criteria

Art 14 RfP Award criteria

Art 14.1 Proposals submitted shall be evaluated on the following award criteria.
Art 14.3 The WP shall lay down further details of the application of the award criteria laid down in paragraph 1, and specify weightings and thresholds

Excellence

- 5 points
- 1-stage: 3 pnts
- 2-stage: 4 pnts
- Priority 1

Impact

- 5 points
- 1-stage : 3 pnts
- 2-stage : 4 pnts
- Priority 2

Implementation

- 5 points
- 1-stage: -
- 2-stage : 3 pnts
- Priority 3

The Excellence Award Criteria

Excellence

- 5 points
- Threshold 3/4
- Priority 1

The following aspects will be taken into account, **to the extent that the proposed work corresponds to the topic description in the work programme:**

- **Clarity and pertinence of the objectives;**
- **Soundness of the concept, and credibility of the proposed methodology;**
- **Extent that proposed work is beyond the state of the art (e.g. ground-breaking objectives, novel concepts and approaches), and demonstrates innovation potential**
- **Appropriate consideration of interdisciplinary approaches and, where relevant, use of stakeholder knowledge.**

Research Project (call 2018/9)

ERC WP 2018, p32

Scientific Excellence: Ground-breaking nature, Ambition and Feasibility

Ground-breaking nature and **potential impact** of the research project	
1.	*To what extent* does the proposed research address **important challenges**?
2.	*To what extent* are the **objectives ambitious** and beyond **S-o-t-A** (e.g. **novel concepts** & **approaches** or **development across disciplines**)?
3.	T*o what extent* is the proposed research **high-risk / high-gain**?

Scientific Approach	
4.	*To what extent* is the outlined **scientific approach feasible** bearing in mind that the proposed research is high-risk / high-gain (based on the Extended Synopsis)?
5.	*To what extend are the* proposed **research methodology** and **working arrangements** appropriate to achieve the **goals** of the project (B2)
6.	*To what extent does* the proposal **involve the development of novel methodology**? (B2)
7.	*To what extent* are the proposed **timescales** and **resources** necessary and properly justified? (B2)

ERC Evaluation Criteria Research Project

Scientific Excellence: Ground-breaking nature, Ambition and Feasibility

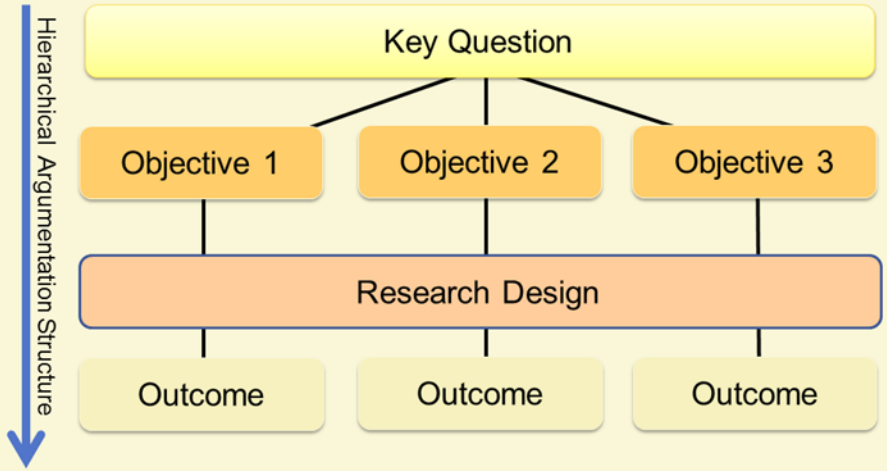
Ground-breaking nature and **potential impact** of the research project	
1.	Important challenges?
2.	Objectives ambitious incl. novel concepts & approaches or development across disciplines?
3.	High-risk / high-gain balance?
Scientific Approach	
4.	Scientific approach feasible?
5.	Proposed research methodology appropriate?
6.	Involving the development of novel methodology?
7.	Timescales and resources necessary and properly justified?

Step 1

Step 2

How to use the Logic Tree for Grant Writing

The Logic Tree for Grant Writing



The basic skeleton

ERC Evaluation Criteria Research Project

Scientific Excellence: Ground-breaking nature, Ambition and Feasibility

Ground-breaking nature and potential impact of the research project	
1.	**Important challenges?**
2.	**Objectives ambitious incl. novel concepts & approaches** or **development across disciplines?**
3.	**High-risk / high-gain balance?**
Scientific Approach	
4.	**Scientific approach feasible?**
5.	**Proposed research methodology appropriate?**
6.	**Involving the development of novel methodology?**
7.	**Timescales and resources necessary and properly justified?**

Step 1

Step 2

And it all begins with an idea…

Thank you