

# How to craft your RFF proposal

ONiO's experience and top tips

# Contents

- Introduction to ONiO
- Scoping and building a narrative
- The proposal parts
- Partners
- Top tips

ONiO®

# The future is self powered



ONiO.zero is the world's first  
batteryless, wireless microcontroller  
powered entirely by energy harvesting.



*Eliminating batteries in IoT devices and small electronics*

# Project scope

Bounded by:

- Program rules and requirements
- Budget & time/duration considerations
- RFF strategic areas and objectives
- Technology maturity (start → end)

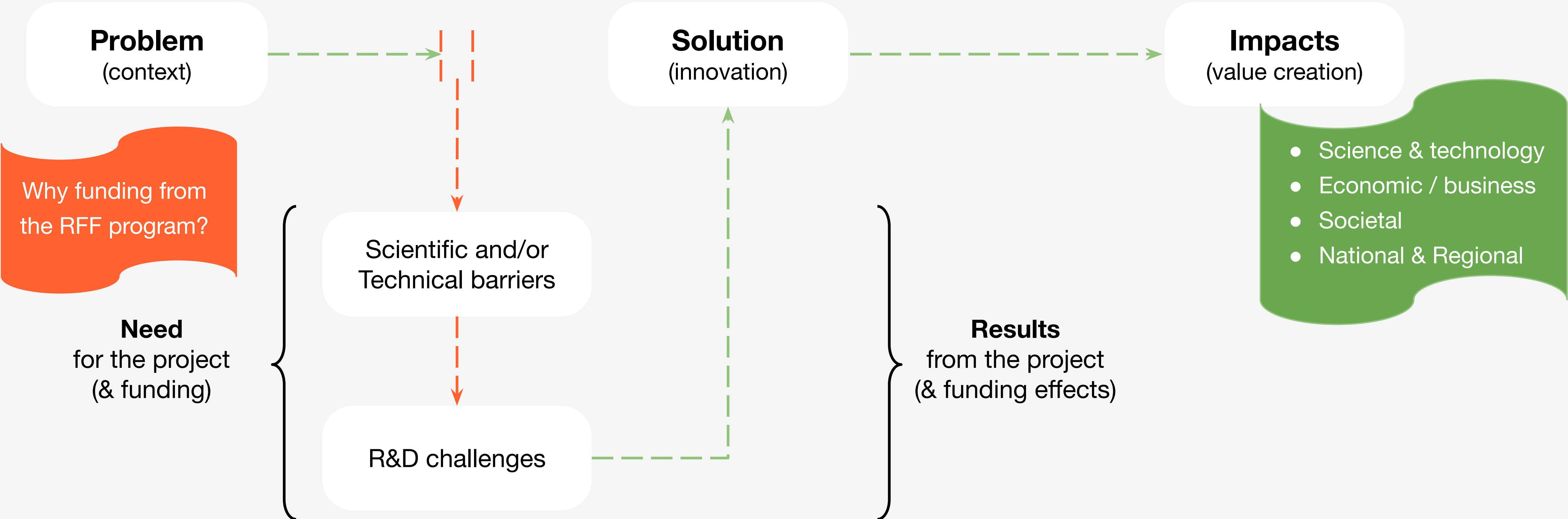
*Study the program guidelines  
(rules, requirements, templates,  
evaluation criteria, strategic  
orientations, ...)*

*R&D*                      **RFF program**                      *Early demo*

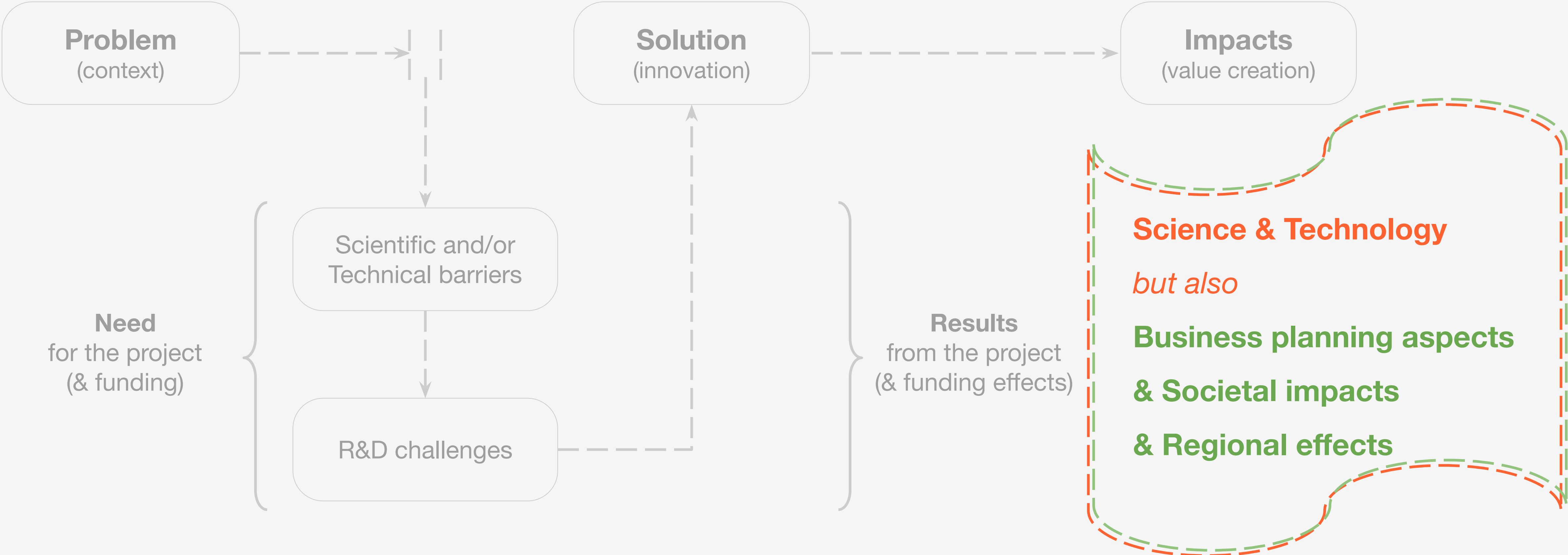
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TRL	0	1	2	3	4	5	6	7	8	9
Technology Readiness Level	Idea	Basic Research	Technology formulation	Applied Research	Small Scale Prototype	Large Scale Prototype	Prototype System	Demonstration System	First kind commercial system	Full commercial application

# Define project scope and the proposal narrative



# Define project scope and the proposal narrative



# Project description

## 1. Background, challenges and needs

## 2. Research and innovation

### 2.1. The innovation

### 2.2. R&D activities

### 2.3. R&D objectives

### 2.4. Research question and methodologies

## 3. Implementation

### 3.1. Milestones of the R&D project

### 3.2. Project manager, organization and alignment

### 3.3. Ethics and CSR (Corporate Social Resp.)

## 4. Impact

### 4.1. Potential for value creation

### 4.2. Economic benefits

### 4.3. Regional relevance and societal benefits

### 4.4. Plan for realizing the innovation

## 5. References

Problem / context  
Need for the RFF project

Innovation / novelty  
R&D challenges

Work-plan  
Team, partner(s), budget

Business case(s) & Plans  
Societal & Regional benefits



Template...

## Project description for Regional Innovation Project

### General guidelines

Please note: ...

The project description should be no more than 10 pages long, ...

...

### 1 Background, challenges and needs

- Put the project in a larger context. First, present the background for the project – not the project as such. Then explain the importance of implementing this specific project.
- What needs/challenges does the project address and resolve?
- What opportunities does the project realise?
- How can the project help to meet the need/resolve the challenge?
- How can the project help to realise opportunities?
- Why should the project be implemented in precisely this region?

- *Study all indications in the template*
- *Follow instructions as closely as possible*
- *Use all the main headings (numbered)*
- *Use your own sub-headings, if useful*
- **[build structure / narrative]**
- *Customize (colors, graphics, tables, etc.)*

# Other parts

- Partner description forms
- CVs
- Online forms, incl. budget details
- *Others (check call indications)*



# Partners

- Other companies *or* research institutions *or* public organizations
- Fill gaps (knowledge, technology elements, value chain / business positioning)
- Complementarity (vs. in-house capacities and resources)
- Foster collaborations
- Networking / ecosystem effects (preferably within the region!)
- *Avoid conflicts of interest (e.g. IPR, etc.)*

# Top tips

- Start early (+2 months) and dedicate time (+100 hours)
- Invest in scoping and finding the right narrative
- Keep it simple and short (yet give enough substance and some solid references!)
- Simple language - mostly for generalists (yet technically correct and sound!)
- Use summary boxes / recap paragraphs
- Use colors, boxes, graphics, tables, etc. (not just plain text)
- 10 pages is often a challenge: start longer and trimm down to the most important!
- Iterate! (give it to read to others - insiders and outsiders - at early and advanced stages)
- Pay attention to all parts - incl. online forms, budget, annexes, etc.

Thank you!

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