

# H2020 at a glance

*Padova, 18<sup>th</sup> October 2018*

# Horizon 2020 / Why participating

## Advantages of participation in H2020

- Financing of activities, the possibility to pursue high-risk ideas
- Opportunity to network internationally - create strong partnerships, exchange experiences on a EU level
- Access to new technologies, improved product design, jointly developing new product and process technologies, jointly undertaking research and innovation
- “Supported by EC” - advantage from a promotional/marketing point of view, increasing visibility
- Technology transfer between firms and countries - strong support from EC officers
- H2020 projects can be a way into new markets or new geographical areas
- Offers possibility to work with Universities and RTOs - creating links between market and research
- Training of staff - Capacity building of the organisations, input of new ideas
- Management skills obtained by doing H2020 projects

# Horizon 2020 /

## Why participating

### Disadvantages of participation in H2020

- A multi-annual long term project to commit resources to
- Unpredictability - resources and tasks can be reallocated between partners often at the cost of smaller companies or new comers
- Difficult to influence the bigger players in the consortium (Industry and RTOs)
- The risk of being kicked out in the last minute after having invested time and resources into proposal development can be very costly for small companies or new comers
- IPR issues in a collaborative environment (Consortium Agreement)
- Hard to identify and join a large consortium in time
- Support needed for new comers concerning procedures during proposal development and project implementation
- Adaptation “problems” between EU and natiuonal rules, taxation, VAT recuperation...

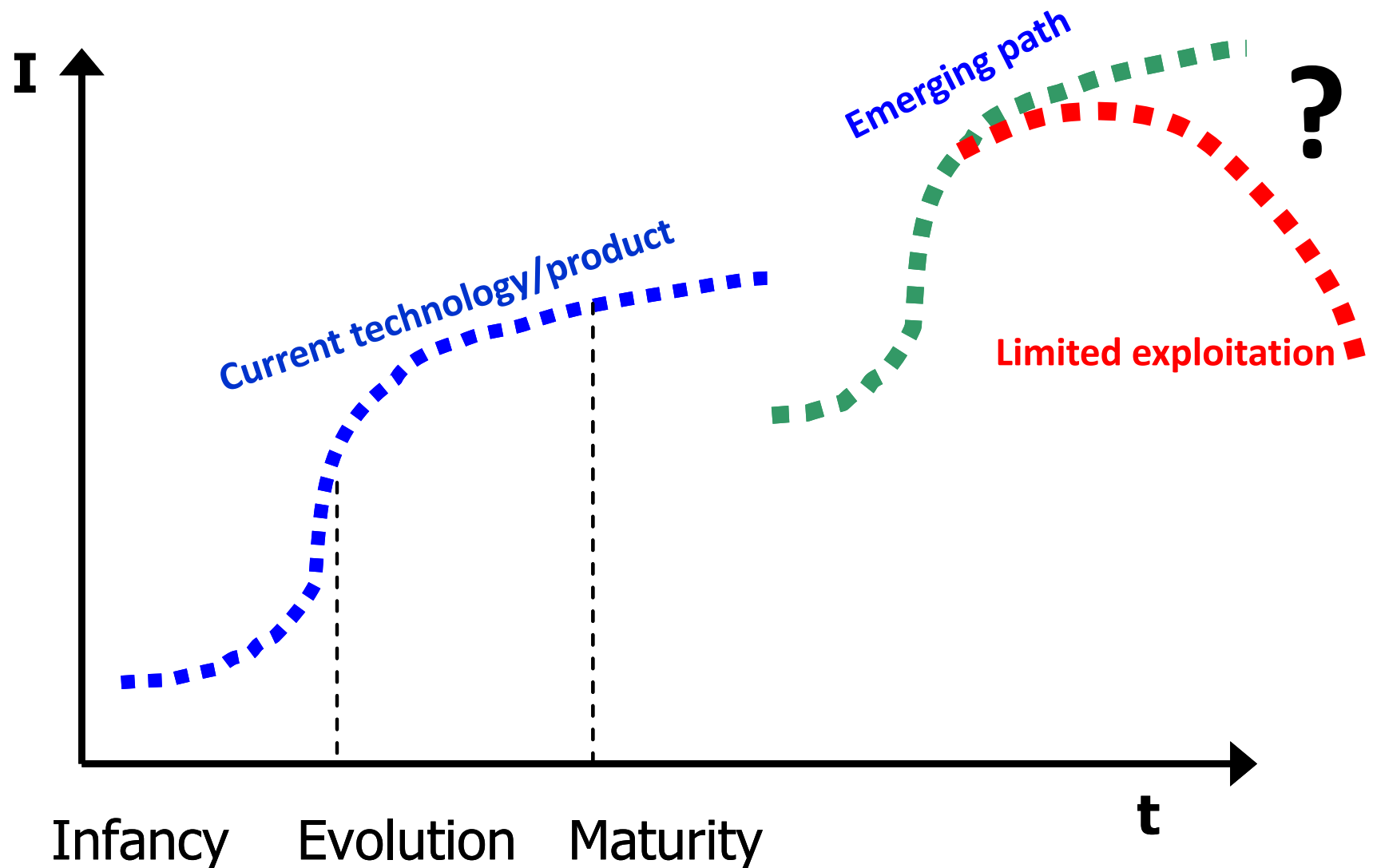
# Horizon 2020 / Which strategy

**To lead or not to lead?**



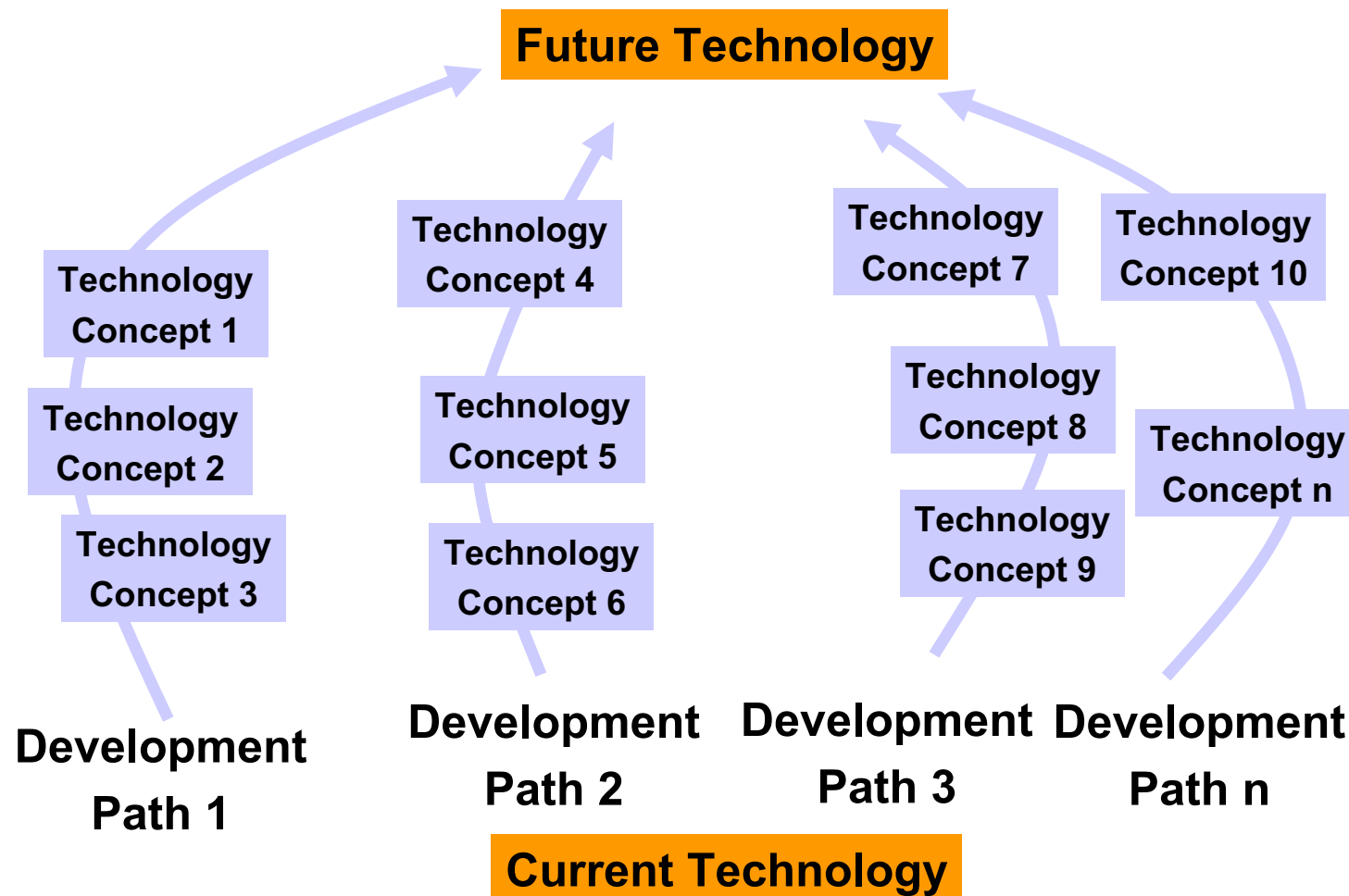
# Disruption is welcome

H2020 projects normally build on a leap



# Roadmapping is key

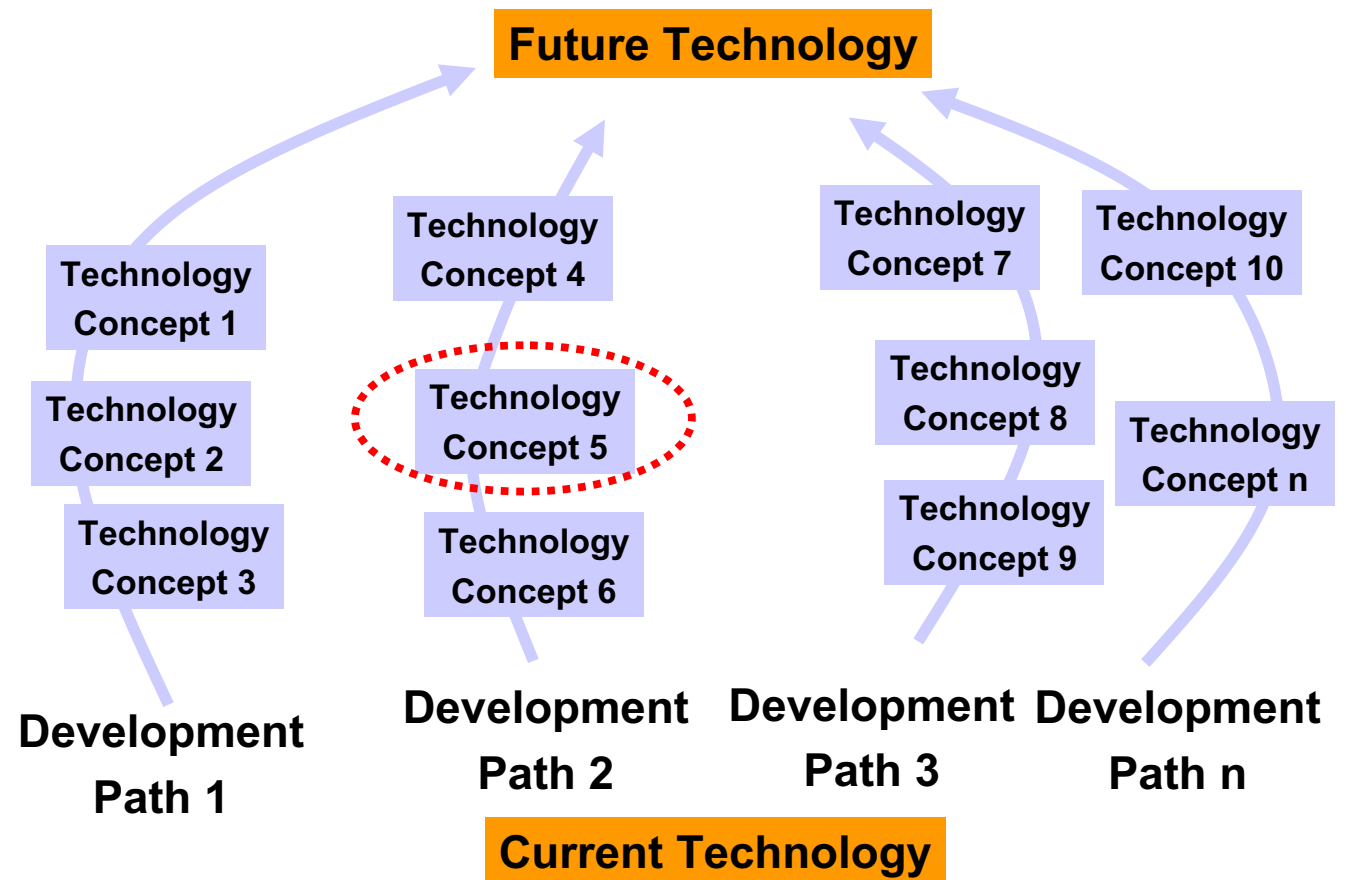
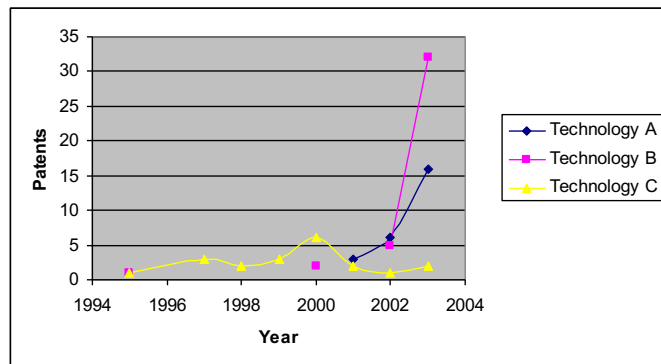
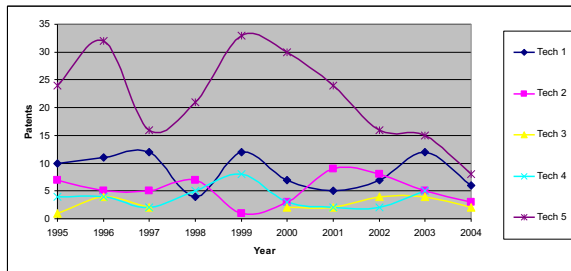
It is vital to carefully define NPD roadmaps....



... to identify promising concepts!

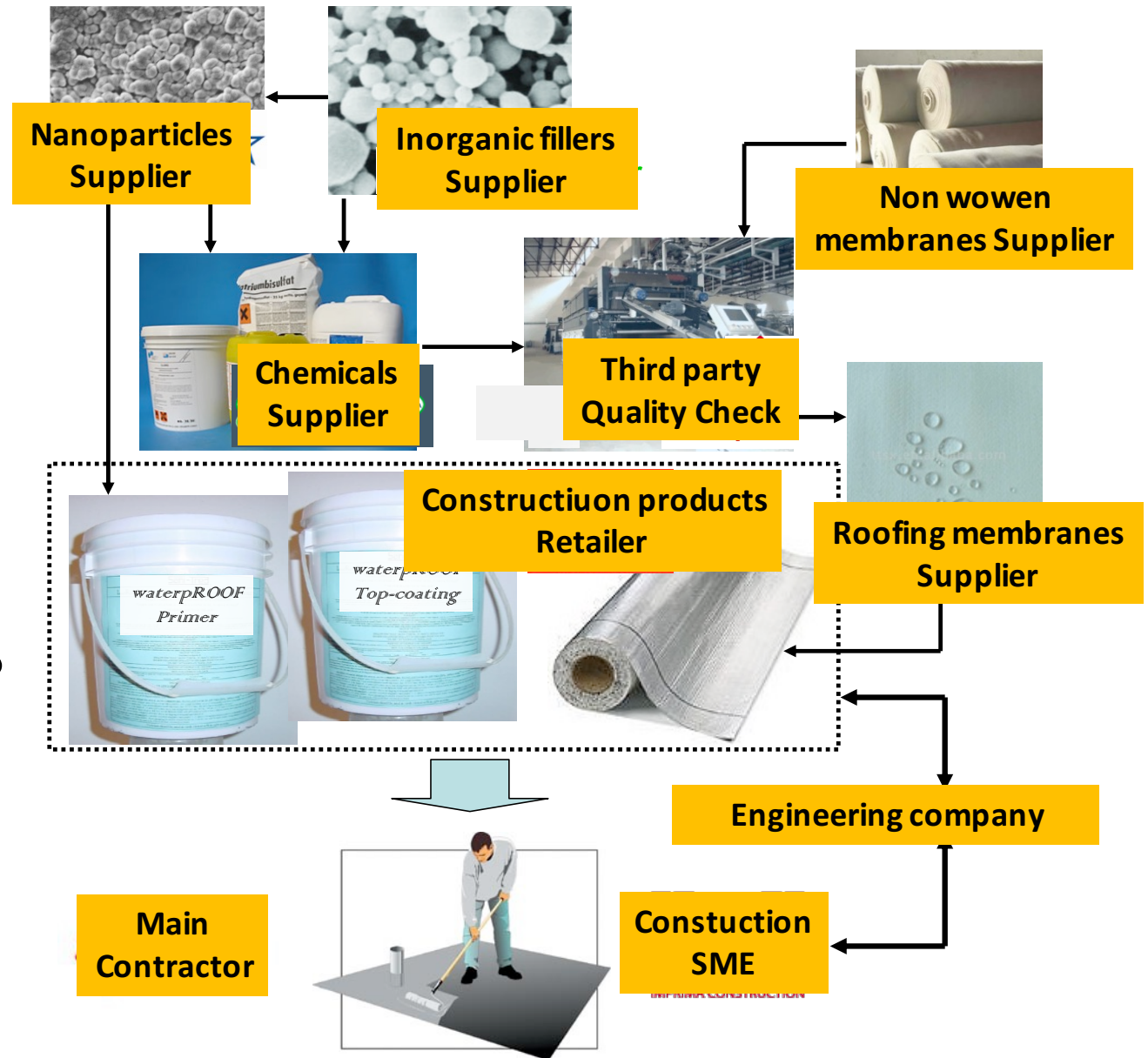
... and pick best concepts through quali-quantitative criteria

S	W
O	T



# Buinding a value chain

Ensure that a supply chain is represented in the consortium (engaging your business partners at first)





# Horizon 2020 /

## Key features

- **Simplified access / rules for participation**
  - From the several funding rates for different beneficiaries and activities to just 2
    - **Maximum of 100% of the total eligible costs** (except for innovation actions, where maximum **70% of the total eligible costs** applies for profit making entities)
  - From the 4 methods to calculate overhead / “indirect costs” to 1 single flat rate
    - **Flat rate of 25% of direct eligible costs**
  - Pilot lump sum calls
- **Significantly reduced time-to-grant**
  - 8 months

# Horizon 2020 / Structure and Priorities

## 3 Pillars / Priorities

### Excellent Science

- **European Research Council**
  - Frontier research by the best individual teams
- **Future and Emerging Technologies**
  - Collaborative research to open new fields of innovation
- **Marie Skłodowska Curie actions**
  - Opportunities for training and career development
- **Research infrastructures** (including e-infrastructure)
  - Ensuring access to world-class facilities

### Industrial Leadership

- **Leadership in enabling and industrial technologies**
  - ICT, nanotechnologies, materials, biotechnology, manufacturing, space
- **Access to risk finance**
  - Leveraging private finance and venture capital for research and innovation
- **Innovation in SMEs**
  - Fostering all forms of innovation in all types of SMEs

### Societal Challenges

- Health, demographic change and wellbeing
- Food security, sustainable agriculture, marine and maritime research & the bioeconomy
- Secure, clean and efficient energy
- Smart, green and integrated transport
- Climate action, environment, resource efficiency and raw materials
- Inclusive, innovative and reflective societies
- Security society

### European Innovation Council – EIC Pilot

### European Institute of Innovation and Technology (EIT)

### Spreading Excellence and Widening Participation

### Science with and for society

### Joint Research Center (JRC)

### EURATOM

## 5 Horizontal Activities + EIC

# Horizon 2020 / Types of Action

**Large variety of types of Action, each having its own specificities (that you should clearly have in mind in order to prepare a good proposal)**

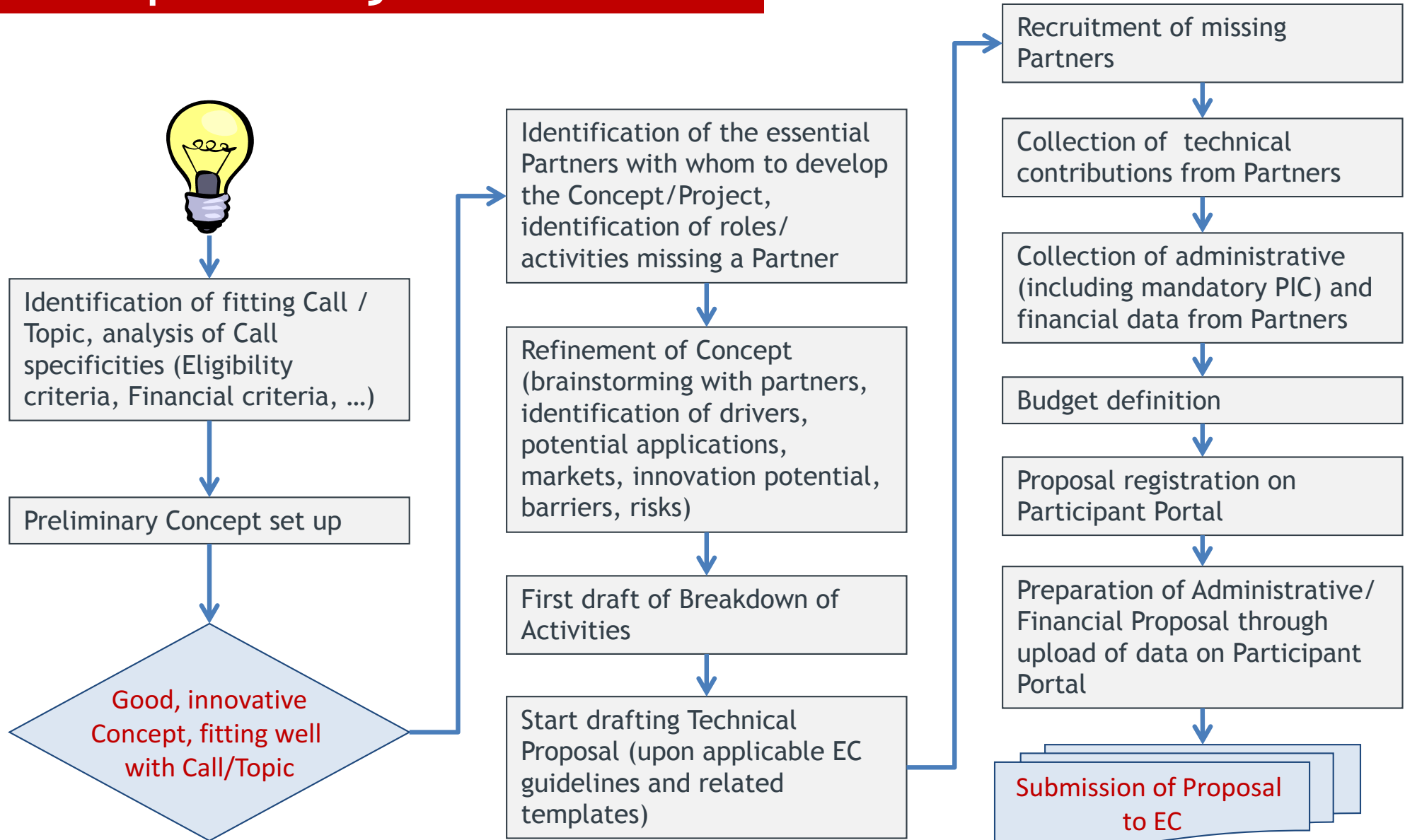
- **Research and Innovation Actions (RIA)**
  - **Innovation Actions (IA)**
  - **Coordination and support action (CSA)**
  - **Fast track to innovation**
  - **SME Instruments**
  - **ERANET CO-FUND**
  - **Pre-Commercial Procurement (PCP) and Public Procurement of Innovative Solutions (PPI)**
  - **Prizes**
- } EIC**

# Horizon 2020 / Types of Action

## FTI cut-off dates 2018-2020

	Cut off	Budget (mil €)
<b>2018</b>	21 febbraio	<b>100</b>
	31 maggio	
	23 ottobre	
<b>2019</b>	21 febbraio	<b>100</b>
	23 maggio	
	22 ottobre	
<b>2020</b>	19 febbraio	<b>100</b>
	9 giugno	
	27 ottobre	

# Practical Guide / How To: Shape a Project



## The evaluation and feedbacks

Make the proposal readable. Evaluators have two-three hours max to read your proposal and evaluate it.



Write in bold, use cursiv, underline.  
Better one table than thousand words...

**Grazie dell'attenzione!**