



# Towards the EU Research & Innovation Programme after 2020



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This presentation does not represent a formal position of the European Commission. Please refer to official documents

*Research and  
Innovation*

## **Some legal aspects** *to recall the current activities*

### **From the EU Treaty (TFEU)**

*Article 182 + 178*

**A multiannual framework programme, setting out all the activities of the Union, shall be adopted ...**

### **From the EURATOM Treaty**

*Article 7*

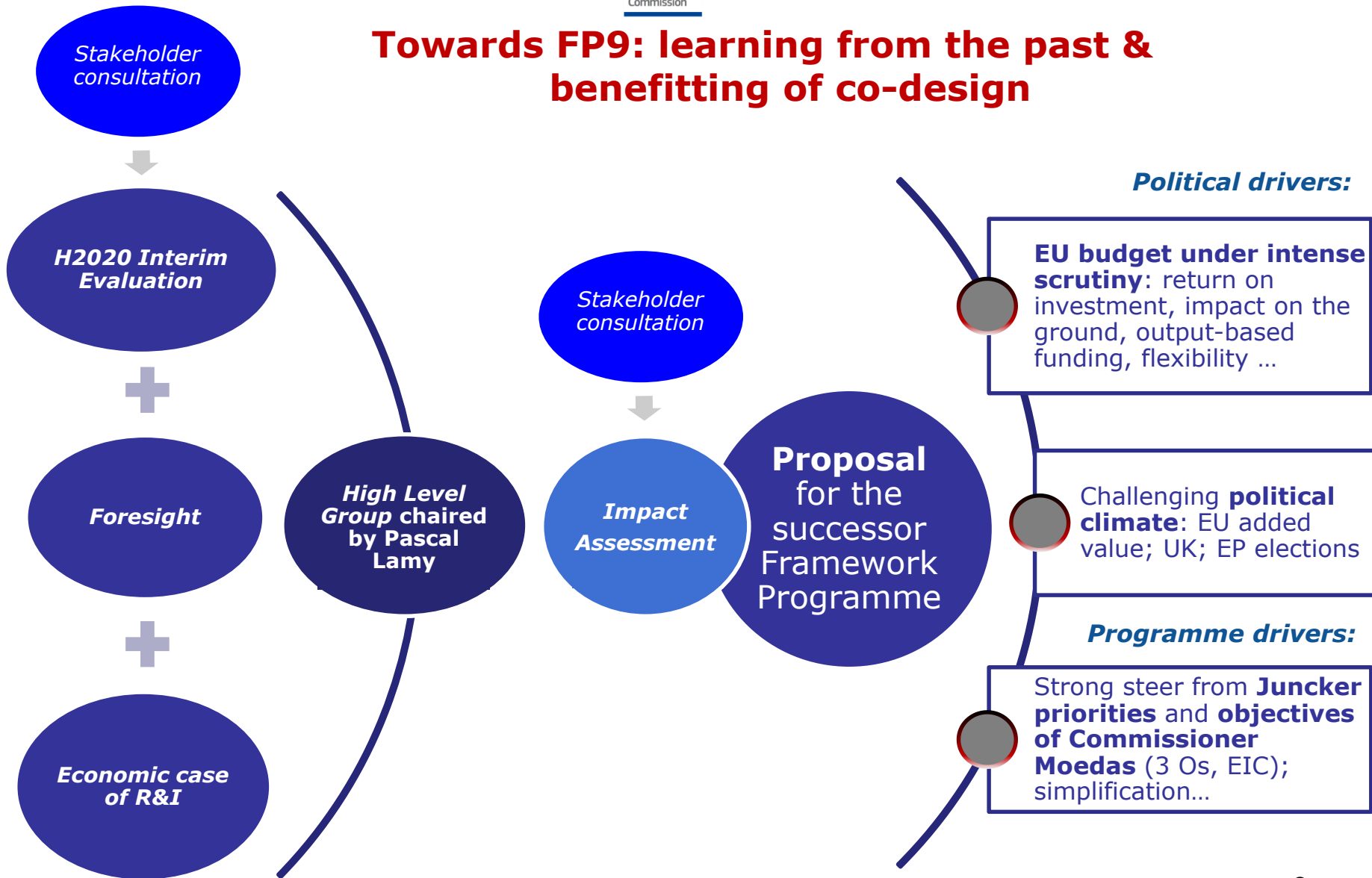
**the Community shall ... promote research ...**

### **From the EU Treaty (TFEU)**

*Protocol 37*

**Research on coal and steel will continue benefitting of the revenue from the ECSC**

## Towards FP9: learning from the past & benefitting of co-design



# Emerging conclusions from the stakeholder consultation



## Most frequently expressed views

FREQUENCY



THEME & VIEW

- **Oversubscription** is one of the most commonly quoted issues of Horizon 2020.
- Horizon 2020 is addressing policy priorities of Europe but there is room to increase programme **flexibility**.
- Horizon 2020 needs to ensure a **good balance between research and innovation** (TRLs). There are concerns voiced over perceived increase in funding of higher TRL levels to the detriment of collaborative lower TRL research.
- Horizon 2020 brings an **EU added value**.
- **Widening participation** is crucial, but should not come at expense of excellence.
- The current pillar structure improves the clarity of the programme but the **linkages** among the pillars should be enhanced. The funding landscape is **complex** and there is a need to streamline.
- **Social science and humanities** (SSH) need to be better integrated in the programme design.

# Thematic evolution of the Framework Programmes



Commissioner Davignon –  
**1984...FP1, ind. compet.**



Commissioner Busquin –  
**FP6...ERA**



Commissioner Potocnik –  
**FP7...ERC**



Commissioner Geoghegan-Quinn –  
**Horizon 2020...R&I**



Commissioner Moedas  
– **30s, EIC,...**



# Open Innovation, Open Science and Open to the World

## - policy priorities set by Commissioner Moedas

### Open Science

- ✓ Open Access
- ✓ Open Data and European Open Science Cloud
- ✓ Research Integrity
- ✓ Inclusiveness & Citizen Science



### Open Innovation

- ✓ European Innovation Council
- ✓ Venture capital funds of funds
- ✓ Pro innovation Regulatory Environment
- ✓ Boosting Private Investment
- ✓ Maximizing Impact of EU funding

### Open to the World

- ✓ Leading & working with multilateral initiatives & international organisations
- ✓ Better framework conditions for scientific cooperation
- ✓ Science diplomacy and synergies with the EU's external policies

***"I am convinced that the core values of Horizon 2020 and its successor have to be:"***



**EXCELLENCE**

**OPENNESS**

**IMPACT**

## Questions for the future





**The impossible missions  
are the only ones that  
succeed ???**



**Addressing global  
challenges ?**



**Phase out  
petro-plastics**

**Electrify transport**

**Live better on non-  
animal proteins**

**Map the global microbiome**

**Create opportunities for diversity  
rich and confident cities**

**New energy storage solutions**

**Personalise prevention  
health**

## Indicative timeline

### 2016

- Launch of foresight study
- Public consultation on H2020 Interim Evaluation (20/10-15/01/17)

### 2017

- Public consultation on Impact Assessment for FP9
- "Lamy group" Report (3<sup>rd</sup> July)
- Foresight final report
- H2020 Interim evaluation concluded (Oct)
- H2020 WP 2018-2020 (Oct-Nov) (bridging towards FP9)

### 2018

- Next MFF Commission proposal
- Successor Framework Programme Commission proposal