



H2020

Potential use of instruments to support the deployment of blue and bioeconomy knowledge

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What is at stake?

Through support to innovation, H2020 could foster job creation

2 main drivers

- **Use existing (financial) instruments to support knowledge deployment**
- **Create synergies with other sources of funding**

What instruments?

Contractual Public-Private Partnership



- Contractual arrangements between **the European Commission and representative industrial associations**
- EU and industry **provide funding**
- Based on agreed **roadmaps**
- EC **calls for proposals**
- **Open** to any actor

Contractual Public-Private Partnership (2)

What does it entail?

- Selection of sectors of intervention
- Agreement with the private sector
- Setting aside budget for the specific calls

Issues

- Requires time to develop
- Limited control on contents



European Joint Programming co-fund



- Support **coordinated** national research and innovation programmes
- Attract and pool a **critical mass**
- Mobilise "**Programme owners**" and public and private "**Programme managers**"

European Joint Programming co-fund

What does it entails?

- Selection of sector(s) of intervention
- Agreement with national and international public and private partners
- Setting aside (limited) budget

Issues:

- It takes time to develop
- But it can be flexible



Single EU Debt Financial instrument.

InnovFin

- integrated and complementary **financing tools** and **advisory services**
- covering the entire **value chain** of research and innovation

COSME

- facilitates and improves **access to finance for SMEs**



InnovFin (1)

SMEs	Mid-Caps	Large Caps	Advisory
InnovFin SME Guarantee	InnovFin MidCap Guarantee	InnovFin Large Projects	InnovFin Advisory
InnovFin SME Venture Capital	InnovFin MidCap Growth Finance		

 direct products

 indirect products

InnovFin (2)

What does it entails?

- strictly **bottom up** (Companies make the request)
- **communicate** scope

Issues

- No influence from SC2, **except** if we "**ring fence**" a specific contribution from our WP



Precommercial Procurement, Public Procurement for Innovation

Another Programme co-fund



- **Precommercial Procurement:** innovative solutions that require R&D
- **Public procurement for innovation:** innovative solutions that do not require R&D

Precommercial Procurement, Public Procurement for Innovation

What does it entail?

- identification of products/services with the highest potential
- mobilisation of procurers
- topic(s) with dedicated budget

Issues:

- Difficulty to identify "innovative" products and services



Alignment of research and innovation agendas

Joint Programming



Article 185

EJP co-fund

Low alignment of research and innovation agendas

What does it entail?

- Identification of research fields with the highest potential for transnational cooperation
- National authorities engagement
- Co-decision (Art. 185)

Issues:

- lengthy process
- difficult negotiations



Bottlenecks which can be addressed with existing instruments

Low interaction with industry

Limited international cooperation

Difficult access to funding by the private sector

Limited use of procurement as an instrument for change

Low alignment of research agendas

Bottlenecks which can be addressed with existing instruments





Create synergies with other funding sources

Namely with European Structural and Investment Funds

But also with JTIs and EIT/KICs

Accompanying ESIF

40% of ESIF will be linked to R&I activities

But it does not fund R&D as such

*Smart Specialisation Strategies (every two years)
present the orientations*

*If they address blue and bioeconomy, we could
accompany S3s (and foster their impact) by:*

- **Promoting the use of existing knowledge**
- **Addressing knowledge gaps**

Synergies with JPIs and EIT/KICs

FACCE is tackling agriculture research

Climate KIC is tackling bioeconomy

Avoid overlappings and duplication of efforts

Identify and agree "modus vivendi" with these initiatives

To summarise...

	technology readiness level / Initiatives	TRL1 Basic principles observed	TRL2 Technology concept formulated	TRL3 Experimental proof of concept	TRL4 Technology validated in lab	TRL5 Technology validated in relevant environment	TRL6 Technology demonstrated in relevant environment	TRL7 System prototype demonstration in operational environment	TRL8 System complete and qualified	TRL9 Actual system proven in operational environment	Markets	Regulations standards labels	Citizens/ consumers
In place with H2020	FP7	[Green bar]											
	H2020	[Light green bar]											
	BBI	[Green bar]											
	EIP	[Light green bar]											
	CIP								[Blue bar]				
	KIC										[Blue bar]		
Possible in H2020	JPI	[Blue bar]											
	ESIF					[Red bar]							
	c-PPP							[Green bar]					
	EJP	[Light green bar]											
	InnovFin								[Green bar]				
European Semester Regulation	PCP			[Light green bar]									
	PPI								[Green bar]				
European Semester Regulation		[Orange bar]											
Regulation		[Orange bar]											



**THANK YOU FOR YOUR
ATTENTION**