



## Third Party technologies suppliers

24<sup>th</sup> of March 2020 Telco  
(2-4 pm)



**Innovation Action:** DT-ICT-01-19 (*Smart Anything Everywhere*)

**Number of partners:** 14 partners from 9 EU countries

**Grant:** 8M€

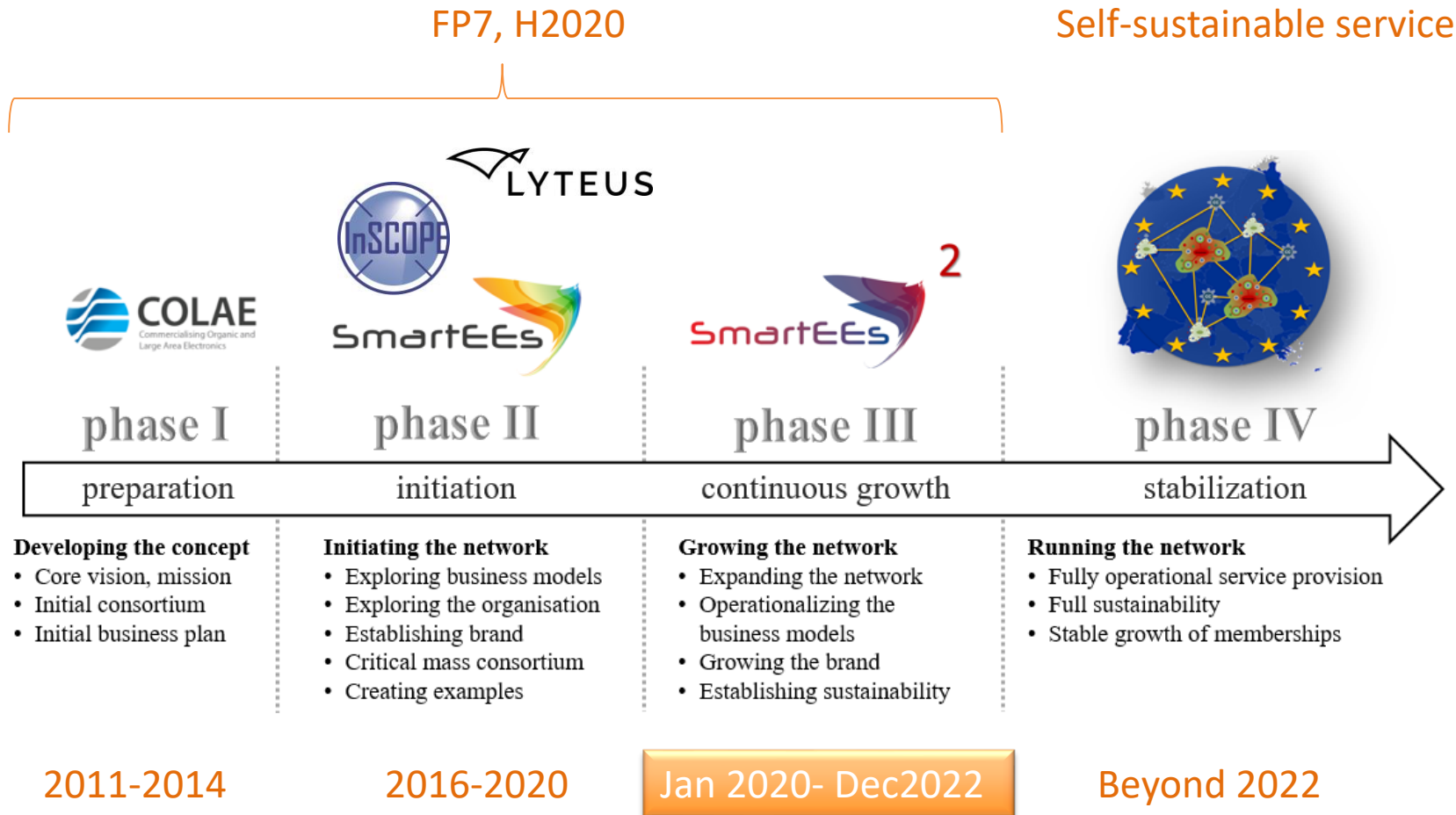
**Duration:** 36 months

**Expected results:** 47 Application Experiments (AEs)  
FSTP 2.9 M€ (37% of the grant)

**Open call / 5 cut-off dates**

CUT-OFF	DATES
1 <sup>st</sup> Cut-off	05/06/2020
2 <sup>nd</sup> Cut-off	23/09/2020
3 <sup>rd</sup> Cut-off	15/01/2021
4 <sup>th</sup> Cut-off	07/05/2021
5 <sup>th</sup> Cut-off	31/08/2021





**Table 6: OLAE Applied Technologies (SmartEEs offer).**

<b>OLED Lighting (*)</b>	TRL 5-6
<b>Organic Photovoltaics (*)</b>	TRL 7
<b>Flexible Displays</b>	TRL 6
<b>Electronics &amp; Components (Technologies/ Electronic design / Device design / Circuit design) (*)</b>	TRL 6-7
<b>Integrated Smart Systems (Technologies / Software / Firmware) (*)</b>	TRL 5-7

(\*) Educational / training support available within SmartEEs2 consortium.

**Table 7: OLAE Manufacturing Technologies (InSCOPE & LYTEUS offers).**

Print	Technology	S2S		Assembly	S2S	
		TRL	TRL		TRL	TRL
Screen printing (*)		S2S	TRL 6		S2S	TRL 6
		R2R	TRL 6		R2R	TRL 6
Inkjet flex Printing (*)		S2S	TRL 4		S2S	TRL 6
		R2R	TRL 4		R2R	TRL 6
	Gravure Printing (*)	S2S	TRL 5		NA	NA
		R2R	TRL 4		R2R	TRL 6
Flexo Printing (*)		S2S	TRL 5		S2S	TRL 5
		R2R	TRL 4		R2R	TRL 6
Nanoimprint Lithography (*)		S2S	TRL 7		S2S	TRL 5
		R2R	TRL 6		R2R	TRL 6
Lift technology (*)		S2S	TRL 6		S2S	TRL 5
		R2R	TRL 6		R2R	TRL 6

(\*) Educational / training support available within SmartEEs2 consortium.

**Table 8: Other Enabling Technologies (additional offer in SmartEEs2).**

Smart Textiles	Technology	TRL	Category	Smart Textiles	
				TRL	TRL
Smart Textiles	Printed electronics on fabrics and TPU (*)	TRL 5	Structural Electronics	In-Moulding	TRL 4-5
	Fibre placement technology	TRL 5		Thermoforming	TRL 6
	Stretchable interconnection (*)	TRL 5		Overmolding	TRL 5
	3D textiles	TRL 4		Post-process. cutting, slitting, laser	TRL 7
	Weaving/west or warp knitting structures	TRL 3	Wearable	Stretchable devices	TRL 4
	Technical embroidery	TRL 3		Stretchable interconnection (*)	TRL 4
	Hybrid yarns by twisting, braiding & core wrapping (*)	TRL 5		Print on stretchable films (e.g. TPU) (*)	TRL 5
	Additive manufacturing (*)	TRL 4	Other	Data Analytics	TRL 5
	Textile surface functionalisation (*)	TRL 5		Mechanical characterisation of yarns & fabrics (*)	TRL 6
	Sheet-core co-extrusion of multilayer thermoplastic coatings (*)	TRL 4		APP development Android & IOS	NA
Tri component Meltspinning of thermoplastic fibres (*)	TRL 4	Automation assembly lines		TRL 6	

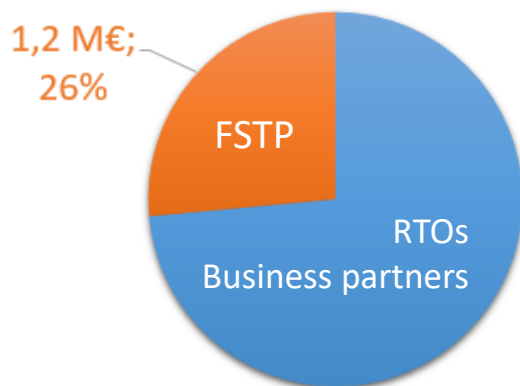
(\*) Educational / training support available within SmartEEs2 consortium.



# Financial Support to Third Party



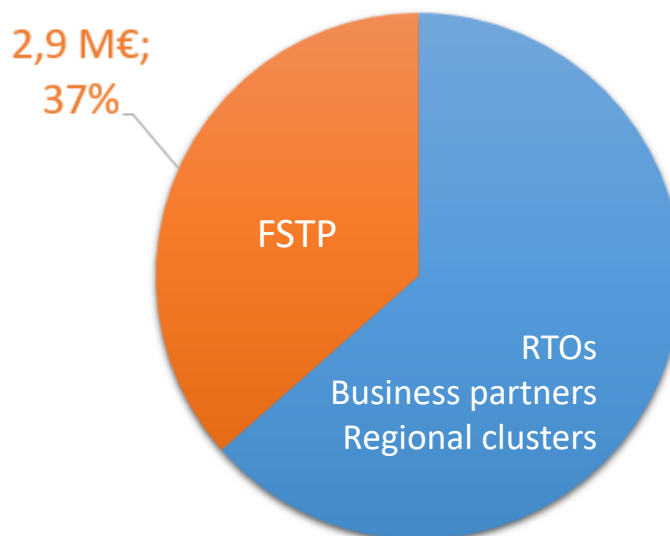
2017-2020  
4.6 M€ granted IA project



Eligible to FSTP:  
SME/MidCap end-users  
(Innovative Companies – IC)



2020-2022  
8 M€ granted IA project



Eligible to FSTP:  
SME/MidCap end-users  
**+ SME/MidCap suppliers of innovation services**



# Experimentation size (Application Experiments - AI<sup>SmartEEs</sup>)



Support to  
*testing, prototyping*

20 AEs

Total = 165 k€/AE



Support to  
*testing, prototyping or up-scaling*

47 AEs

Total = 125 k€/AE

80 k€  
Direct service



25 k€ in-kind ← (\*) 60 k€ Voucher

Av. 40 k€  
Direct service



25 k€ av. in-kind ← (\*) av. 60 k€ Voucher

(\*) 70% funding rate for private organisation



# Open call for Innovative Companies (ICs)

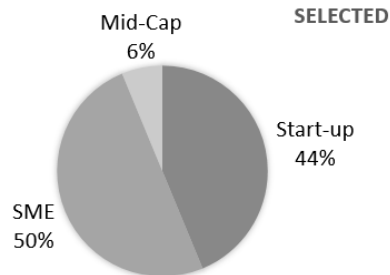
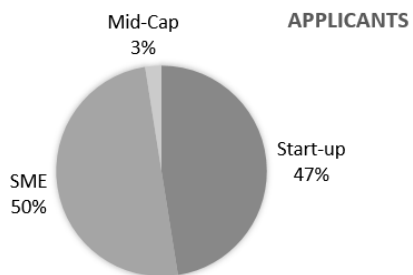


101 applications

20 selected companies

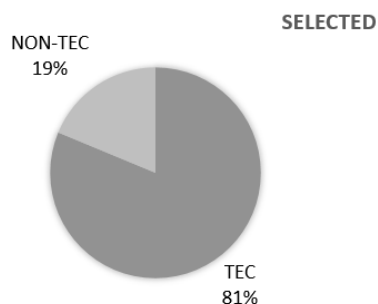
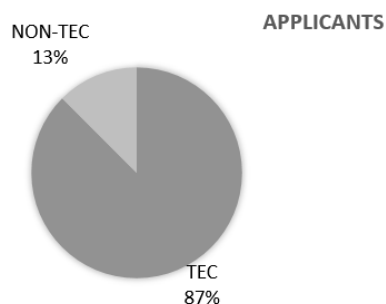
47 companies to be selected

Size



$$\frac{SME + MidCap}{StartUp} \text{ ratio} \nearrow$$

Profile

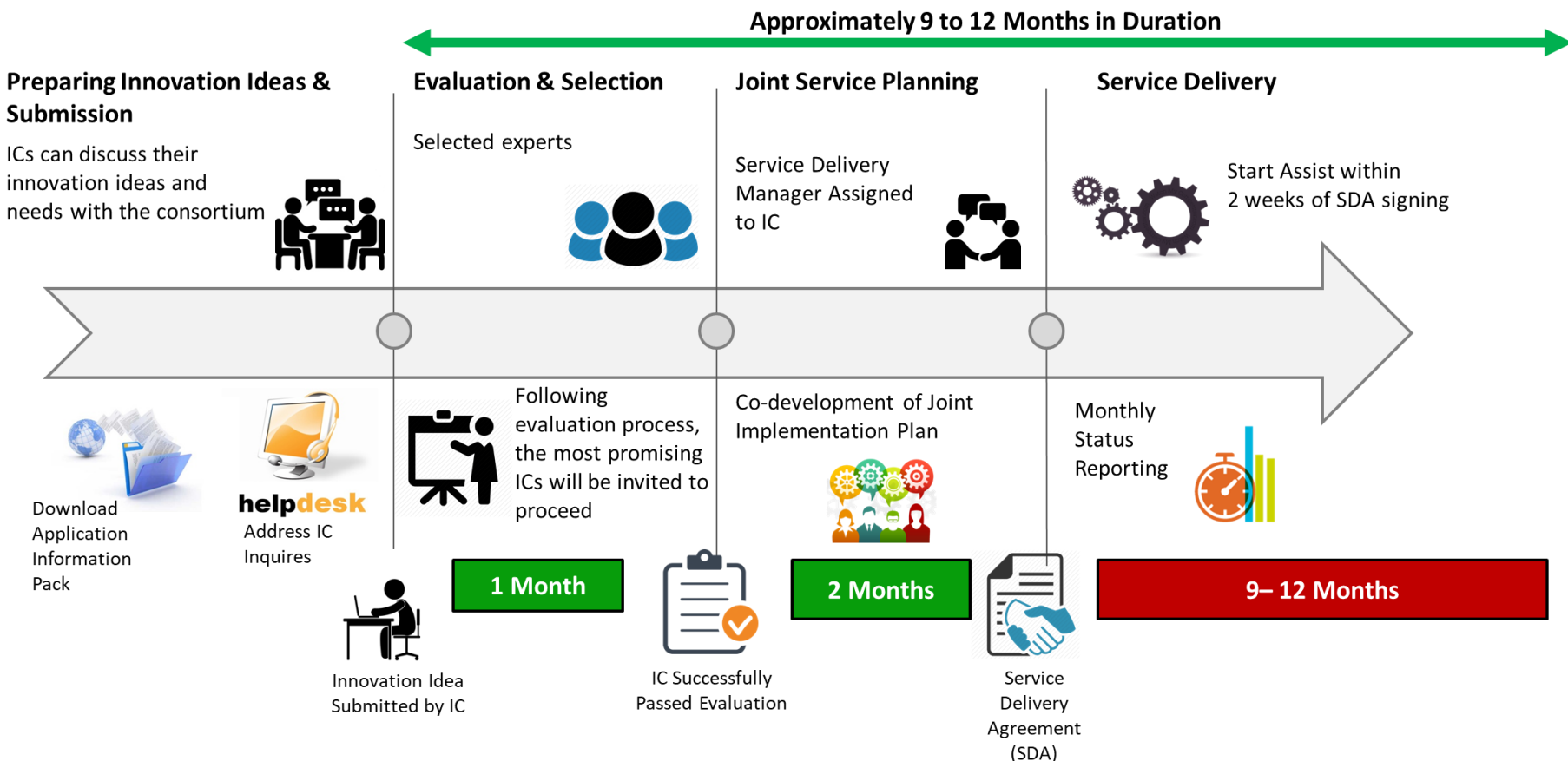


$$\frac{Non\_Tec}{Tec} \text{ ratio} \nearrow$$

Eastern Europe, EU13  $\nearrow$

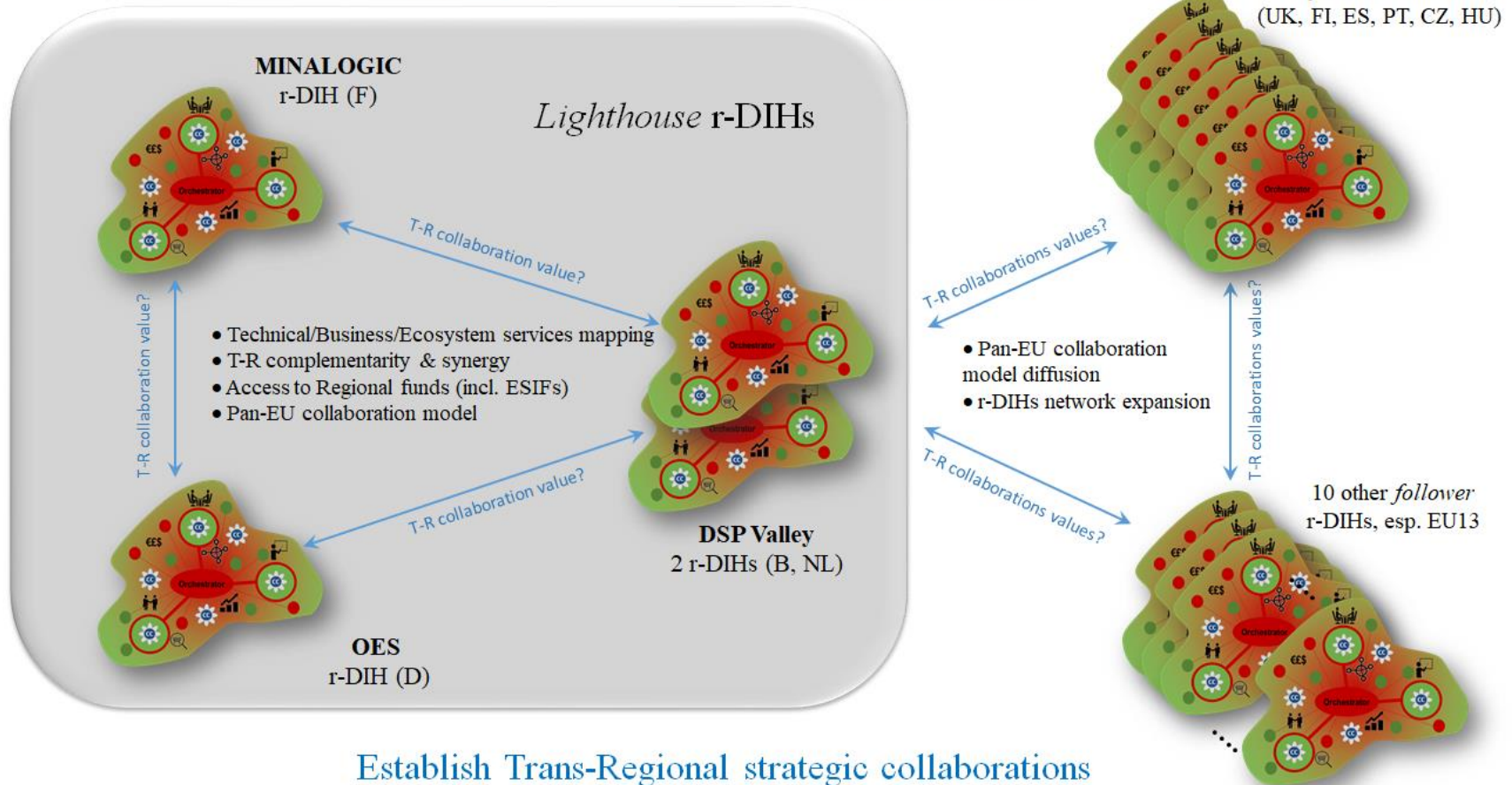


- ❑ SDA duration with *hard deadline* for completion
- ❑ AE duration adjusted from 6-9 months (SmartEEs) to 9-12 months





## Identify Trans-Regional common interests





THANK YOU!