

H2020 slicenet project

resource allocation

nov 2017



Project status



- Slicenet is an H2020 project (5GPPP/ICT7/TA8, Nov-2016) approved by EU for **573 k€** (TEI 425 K€, CORITEL 148 €)
- Project lead time 1/6/2017-31/5/2020
- Coritel (linked 3PP) has left the project
- Total TEI effort: 81 PMs
- First HW investment for 10 k€ approved (PO process on going)

TEI involvement



› General

- **E/// participation to standards (3GPP, ETSI, ONF, ...)**
- **study open source MANO (ONAP, etc.)**
- **define our demo system architecture based on studied open sources**



› **2017Q4-2018Q1 Activities**

› **WP2 -SliceNet System Definition**

TEI will participate in all WP2 tasks, mostly focusing on the technical requirements and definition for single-domain slicing control and management, as well as the overall system definition from both network vendor's and ICT service provider's perspectives

- D2.2 (Architecture) chapters writing
Section 5: Architecture Technical Use-Cases & Requirements
- D2.3 (Control Plane) chapters writing
- D2.4 (Mgmt Plane) Chapters writing



› **2017Q4-2018Q1 Activities**

› **WP3 - 5G Integrated Multi-Domain Slicing-Friendly Infrastructure**

TEI will contribute to MEC (T3.1) and infrastructure integration (T3.4) from a vendor and service provider's perspective, and start preparing for slice control and management over the integrated infrastructure in following tasks.

- **D3.1 Design and Prototyping of Slicenet Virtualised Mobile Edge Computing Infrastructure**

- D3.4 Design and Prototyping of Integrated Multi-domain SliceNet architecture**



› **2017Q4-2018Q1 Activities**

› **WP4 - 5G Multi-Domain Slice Control Plane**

TEI will lead T4.4 coordinating and contributing to the design of the control mechanisms of the data plane to achieve network slicing in a multi-domain scenario composed by different infrastructures.

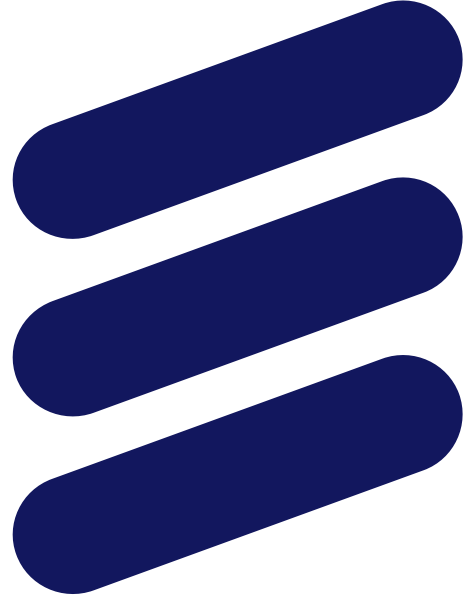
- **Work Package coordinator**
- **D4.3 Network Slicing in Multi-tenant Virtualised Single-Domain Infrastructures**
- **Single-Domain Multi-Tenant Network Slicing Control (+ Task leader)**

Resource allocation



CON USCITA CORITEL DAL PROGETTO - Planned/Actual																															
	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2017							2018												2019											
TEI	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M13	M14	M15	M16	M17	M18	M19	M20	M21	M22	M23	M24	M25	M26	M27	M28	M29	M30	M31
WP1																															
WP2	0,68	0,87	0,45	0,82	1,51	1,00	0,50	0,17																							
WP3				0,00	0,11	2,00	2,00	1,00	0,50	0,19	0,10	0,10																			
WP4							0,90	2,13	2,80	3,11	3,20	2,70	2,20	1,70	1,70	1,70	1,60	1,00	1,00	0,26											
WP5																															
WP6													1,50	2,00	2,00	2,00	2,00	2,60	2,00	2,50	2,00	2,00	2,00	2,00	2,00	1,40					
WP7																		0,10	0,30	0,30	0,30	0,20	0,20	0,10	0,10	0,10	0,10	0,10	0,10	0,10	
WP8													0,10	0,10	0,10	0,10	0,20	0,20	0,20	0,24	0,50	0,50	0,60	0,60	0,60	0,30	0,30	0,30	0,30	0,30	
WP9	0,00	0,00	0,00	0,00	0,00	0,00	0,10	0,20	0,20	0,20	0,20	0,20	0,20	0,20	0,20	0,20	0,20	0,20	0,20	0,20	0,20	0,20	0,20	0,20	0,30	0,20	0,20	0,20	0,20	0,20	
TOT	0,68	0,87	0,45	0,82	1,62	3,00	3,50	3,50	3,50	3,50	3,50	3,00	4,00	4,00	4,00	4,00	4,00	4,00	3,50	3,50	3,00	3,00	3,00	3,00	3,00	2,00	0,60	0,60	0,60	0,60	0,50
PM tot year	10,94							44,50												23,40											
FTE Year teorico	1,56							3,71												1,95											
FTE Year productivity						3,62																									

Name	Effort 2017Q4- 2018Q4	Main Responsibility
Ciriaco Angelo	1,00	Overall System, Control Plane and Management Plane. Deliverables: D2.1, D2.2, D2.3, D2.4. WP4
Raffaele De Santis	0,50	Overall System, Control Plane and Management Plane Deliverables: D2.1, D2.2, D2.3, D2.4. WP4
Giuseppe Celozzi	0,30	Overall System & Management Plane (FCA) Deliverables: D2.4. WP4
Carmine Galotto	0,50	Overall System, Control Plane and Management Plane Deliverables: D2.1, D2.2, D2.3, D2.4. WP4
Giacomo Borlizzi	0,50	HW set up and installations, open source Platform (ONAP, OpenDayLight) Deliverables: D4.3, D6.1
Gennaro Marrazzo	0,50	Open sources additions, SW modules, integration Deliverables: D4.3, D6.1
Cosimo Zotti	0,20	Overall Project coordination & WP4 coordinator
Totale	3,50	



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