

Project Coordinators Info Day CFM & OC 2017 November 14th 2017



1 - Introduction





Projects 2017 overview CFM

ТОРІС	ACRONYM	COORDINATOR	COORDINATORS' CONTACTS	STARTING DATE	END DATE	PROGRAMME MANAGER	COMPLEMENTARITY
							SMaRTE
S2R-CFM-CCA-01-			jan.bergstrand@trafikverket.se				IMPACT-1
2017	IMPACT-2	Trafikverket	<u>jan.bergstrand@trankverket.se</u>	01/09/2017	31/08/2022	Judit Sandor	FINE 1
2017							PLASA
							IN2SMART
							Mat4Rail
							RUN2Rail
			paul.boettcher@rail.bombardier.co				FR8HUB
S2R-CFM-IP1-01-	PIVOT	Bombardier	<u>m</u>	01/09/2017	30/09/2019	Alexandra Gurau	IN2STEMPO
2017	11001	Transportation	<u></u>	01/03/2017	30/03/2013	Alexandra Gurau	FAIR Stations
							PINTA
							CONNECTA
							FINE 1
							ASTRail
							ETALON
S2R-CFM-IP2-01-	X2RAIL-2	Ansaldo STS	salvatore.sabina@ansaldo-sts.com	01/09/2017	31/08/2020	Lea Paties	FR8HUB
2017	AZNAIL-Z	Alisaldo 515		01/03/2017	31/00/2020	Learaties	X2Rail-1
							IN2SMART
							ARCC
		Network Rail					IN2 DREAMS
S2R-CFM-IP3-01-	IN2STEMPO	Infrastructure	Eleanor.Simmons@networkrail.co.u	01/09/2017	31/08/2022	Georgios Patris	FAIR Stations
2017	INZSTEIVIFO		<u>k</u>	01/03/2017	31/08/2022	deorgios ratifs	PIVOT
		LTD					CO-ACTIVE
							My-TRAC
S2R-CFM-IP4-01-	CONNECTIVE	INDRA Sistemas	Imerle@indra.es	01/09/2017	30/06/2022	François Lienard /	COHESIVE
2017	CONNECTIVE	SA		01/03/2017	30,00,2022	Lucas Garvia	CO-ACTIVE
							ATTRACKTIVE
							My-TRAC
S2R-CFM-IP4-02-			joao.mira@thalesgroup.com			François Lienard /	CONNECTIVE
2017	COHESIVE	Thales Portugal		01/09/2017	30/06/2022	Lucas Garvia	CO-ACTIVE
2017						Eddas Garvia	ATTRACKTIVE
							OPTIYARD
S2R-CFM-IP5-01-			ion horgotrond@trofile.orlest as				PIVOT
	FR8HUB	Trafikverket	jan.bergstrand@trafikverket.se	01/09/2017	31/08/2020	Lucas Garvia	ARCC
2017							FFL4E
							FR8RAIL





Projects 2017 overview OC

TOPIC	ACRONYM	COORDINATOR	COORDINATORS' CONTACTS	STARTING DATE	END DATE	PROGRAMME MANAGER	COMPLEMENTARITY
							IMPACT-2
S2R-OC-CCA-01- 2017	SMaRTE	University of Leeds	Daniel Johnson d.h.johnson@its.leeds.ac.uk	01/09/2017	31/08/2019	Judit Sandor	CO-ACTIVE
							ATTRACKTIVE
S2R-OC-IP1-01-2017	Mat4Rail	Fundacion CIDETEC	Elena Jubete ejubete@cidetec.es	01/10/2017	30/09/2019	Alexandra Gurau	PIVOT
S2R-OC-IP1-02-2017	RUN2Rail	UNIFE	Andrea Demadonna andrea.demadonna@unife.org	01/09/2017	31/08/2019	Alexandra Gurau	PIVOT FINE-1
S2R-OC-IP2-01-2017	ASTRail	ISMB	Riccardno Scopigno scopigno@ismb.it	01/09/2017	31/08/2019	Lea Paties	X2Rail-1 X2Rail-2
S2R-OC-IP2-02-2017	ETALON	UNIFE	Jose.BERTOLIN@unife.org	01/09/2017	29/02/2020	Lea Paties	X2Rail-1 X2Rail-2
			A codos a Danas da cosa				IN2STEMPO
S2R-OC-IP3-01-2017	IN2DREAMS	UNIFE	Andrea Demadonna andrea.demadonna@unife.org	01/09/2017	31/08/2019	Georgios Patris	IN2SMART
			Umberto Battista				PIVOT
S2R-OC-IP3-02-2017	FAIR Stations	STAM SRL	u.battista@stamtech.com	01/09/2017	31/08/2019	Georgios Patris	IN2STEMPO
S2R-OC-IP3-03-2017	MOMIT	E-GEOS SPA	Elena Francioni elena.francioni@e-geos.it	01/09/2017	31/08/2019	Georgios Patris	IN2SMART
							COHESIVE
S2P OC ID4 01 2017	NAV TRAC	LIBC	Josep Lluis Larriba Rey	01/09/2017	31/08/2020	François Lienard	CONNECTIVE
32N-UC-1F4-U1-2U1/	52R-OC-IP4-01-2017 My-TRAC UPC		larri@ac.upc.edu	01/09/2017	31/00/2020	Trançois Lienaru	CO-ACTIVE
							ATTRACKTIVE
S2R-OC-IP5-01-2017	OPTIYARD	UIC	John Lutz	01/10/2017	30/09/2019	Lucas Garvia	FR8HUB
32N OC-11 3-0192017	OI IIIAND	OIC	lutz@uic.org	01/10/2017	30,03,2013	Lucas Garvia	ARCC





A PUBLIC-PRIVATE PARTNERSHIP R&I PLATFORM FOR RAILWAY

WORKING TOGETHER

DRIVE INNOVATION

BY 2024





CAPACITY
100% increase in capacity

INDUSTRY 4.0









...opening up new Capabilities coming from emerging technologies or concepts.

AUTOMATED TRAIN OPERATION

GUARANTEED ASSET HEALTH & A V A I L A B I L I T Y

STATION & "SMART" CITY MOBILITY

RAPID & RELIABLE R& I DELIVERY

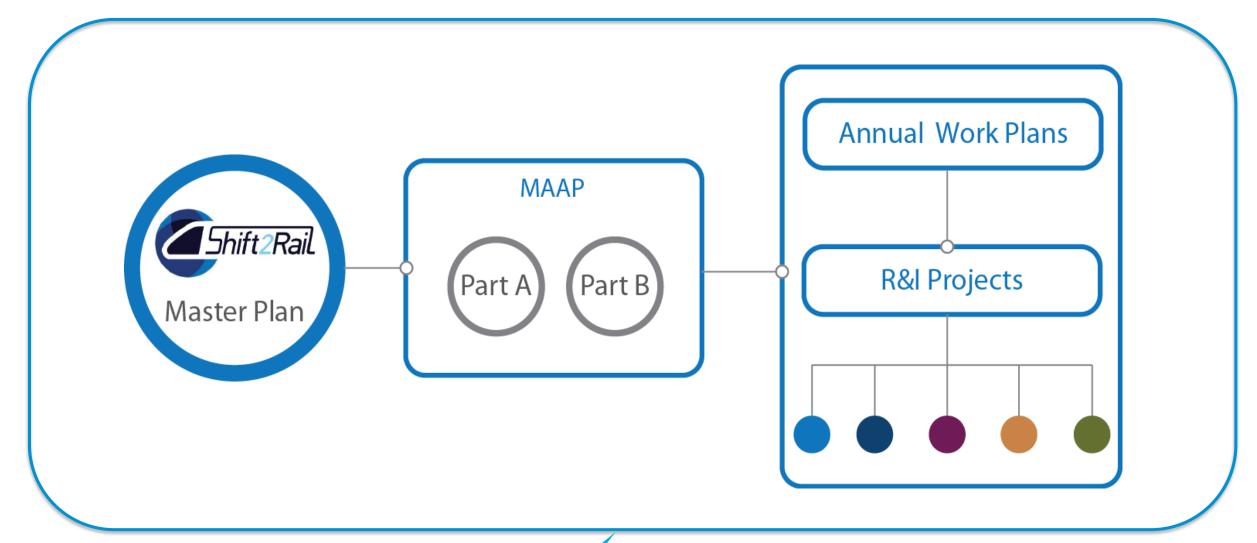
Logistics on demand

ENVIRONMENTAL & SOCIAL

MORE VALUE FROM DATA











ORIENI **PROGRAMM** Ш IVERY S2R Ш

Long-term needs and socio-economic research

Smart materials and processes

System integration, safety and interoperability

Energy and sustainability

Human capital

IP₁

Trains, including trains and high speed trains **Cost-efficient and Reliable** capacity

IP₂

Advanced Traffic Management & Control

Systems

IP

Cost-efficient, Sustainable and Reliable High Capacity

IT Solutions for Attractive Railway Services

IP 4

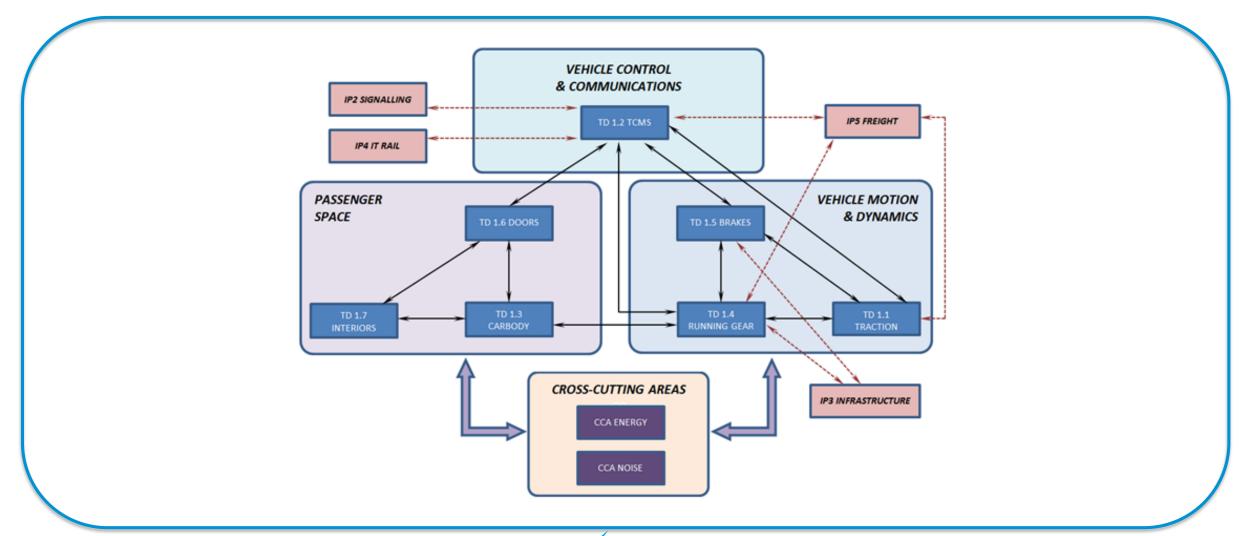
Technologies for Sustainable & Attractive **European Freight**

IP 5





Example: IP1







Example of a Technology Demonstrator

Final Demos of TD 1.2 TCMS:

Danasank Assa	Specific	Specification	Demonstra	ator	Facility of a state.				
Research Area	Techn. objective	Activities	Market	TRL	Focus of activity				
	Wireless TCMS	Radio techn., architecture and protocols		6/7 6/7	Incorporate wireless technologies to the train communication network solutions (i.e. train backbone, consist network and train to ground communication).				
_ F	Drive-by-data	Architecture, protocols	Metro Regional	0/ /	Provide a train-wide communication network for full TCMS support including the replacement of train lines, connecting safety functions up to SIL4 (incl. signalling).				
	Functional distribution		Metro	6/7	New architectural concept based on standard framework & application profiles, distributed computing to allow execution of compliant functions on end devices				
		and interface	Regional	5	distributed along the vehicle meeting different safety & integrity requirements				
		definition	ŭ	6/7	Support the Functional Open Coupling				
		Technology definition, protocols and procedures	Generic	6/7	Standardised simulation framework in which all subsystems of the train will be simulated, allowing remote and distributed testing including hardware in-the-loop through heterogeneous communication networks.				

Interaction with other TDs and

_	IPs		Fully electric propulsion system
	Brakes	Next Generation TCMS	IP5
	Running Gear	IP1	Virtual Coupling
		Intelligent Traffic	IP2
2015	2016	Management	_

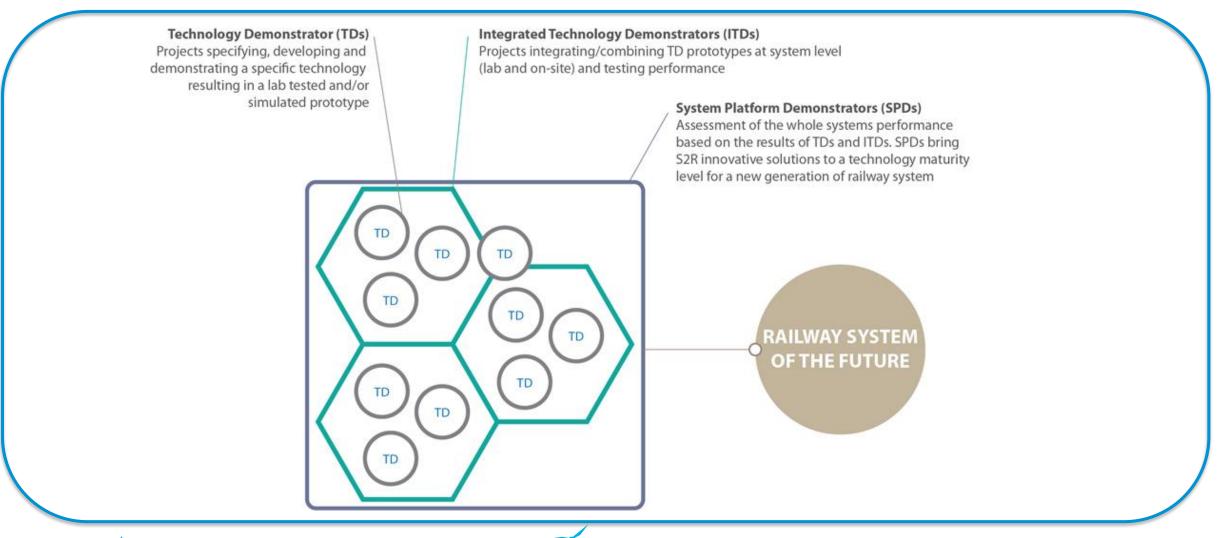
Planning (budget estimated at 48,8M€):

	TASKS	TRL	2015	2016	2017	2018	2019	2020	2021
TD1.2	TCMS							_	
	1.2.0 General specification	-				I		_	
	1.2.1Wireless TCMS	6/7							
	1.2.2 Drive-by-data	6/7							
	1.2.3 Functional distribution architect.	6/7							
	1.2.4 Virtual placing on the market	5				T			
	1.2.5 Integration, demo & assessment	6/7				I			
	1.2.6 Technical coordination	-						_	





From TRL0 to TRL6/7

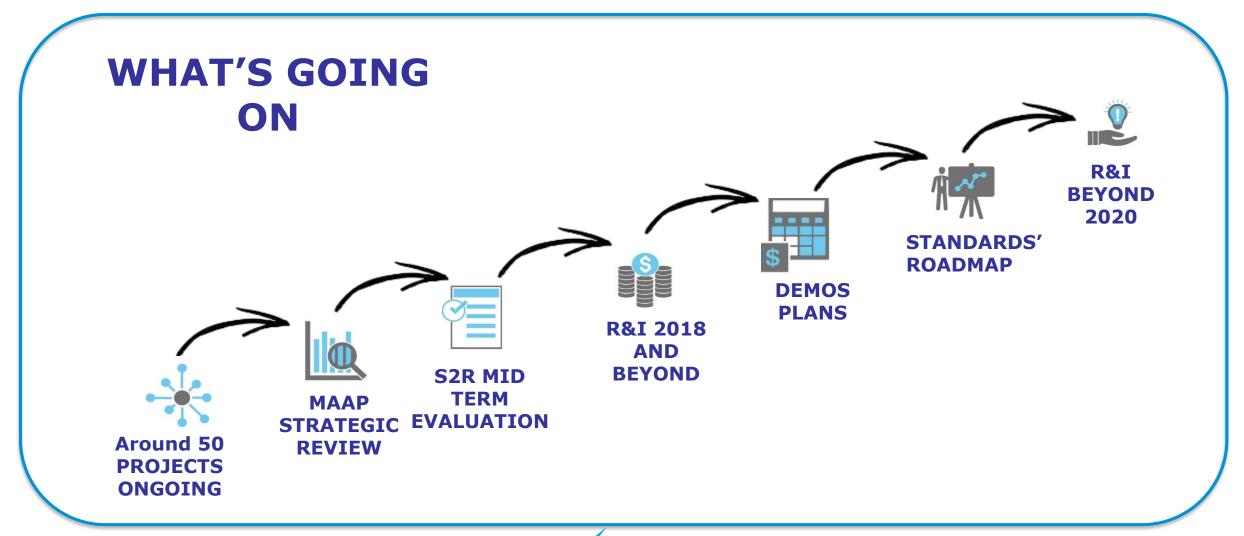




2 – Programme progress and relation with current call activities











	TD1.1 Traction Systems demonstrator												
2015	2016	2017	20	18	2019	2020	2021						
finished	activities: R	oll2Rail											
(ongoing acti	vities: PINTA	\										
	AWP2018: CFM												
	planned activities												

TD	TD1.2 Train Control and Monitoring System Demonstrator												
2015	2016	2017	2018	2019	2020	2021							
	Roll2Rail												
ongo	oing: CONNE	CTA, SAFE4	RAIL										
	AWP2018: CFM, OC												
	planned activities												

TD1.3 Carbody Shell Demonstrator												
2015 2016 2017 2018 2019 2020 2021												
	Roll2Rail											
	ongoing:PIVOT,Mat4Rail											
	planned activities											

TD1.4 Running Gear Demonstrator												
2015	2016	20	17	2018	2019	2020	2021					
	Roll2Rail											
			ong	,Run2Rail								
	planned activities											





	TD1.4 Running Gear Demonstrator												
2015	2016	2017	2018	2019	2020	2021							
	Roll2Rail				_								
			ongoing: PIVOT	,Run2Rail									
		_			pla	nned activit	ties						

	TD1.5 Brake Systems Demonstrator											
2015	2016	2017	2018	2019	2020	2021						
	Roll2Rail											
ongoing: C												
					plaı	nned activiti	ies					

	TD1.6: Doors and Access Systems Demonstrator											
2015	2016	2017	2018	2019	2020	2021						
		ongoi	ng: PIVOT,R	un2Rail								
	planned activities											

	Т	D1.7: Tra	in Modul	larity In l	Jse (TMIL	J)				
2015	2016	2017	2018	2019	2020	2021				
	Roll2Rail									
	ongoing:PIVOT,Mat4Rail									
					pla	nned activit	ies			





TD2.1: Adaptable communications for all railways (quality of service, interfaces

2015 2016 2017 2018 2019 2020 2021 ...

Ongoing act.: X2Rail1, Mistral

AWP 2018: CFM, OC

planned activities

TD2.2: Railway network capacity increase (ATO up to GoA4 – UTO)

 2015
 2016
 2017
 2018
 2019
 2020
 2021
 ...

Ongoing act.: X2Rail1, ASTRail

planned activities

TD2.3 Moving Block

 2015
 2016
 2017
 2018
 2019
 2020
 2021
 ...

Ongoing act.: X2Rail1, ASTRail

AWP2018: CFM, OC

planned activities

TD2.4: Fail-Safe Train Positioning (including satellite technology)

 2015
 2016
 2017
 2018
 2019
 2020
 2021
 ...

Ongoing act: X2RAIL-2; ASTRail

AWP2018: OC

planned activities





	TD2.5: On-board Train Integrity										
2015	2015 2016 2017 2018 2019 2020 2021										
		Ongo	ing act.: X2F	RAIL-2; ETAL	_ON						
	planned activities										

TD2.6: Zero on-site testing (control command in lab demonstrators)

2015 2016 2017 2018 2019 2020 2021 ...

Ongoing act.: X2Rail1, Vite

AWP 2018: CFM, OC

planned activities

TD2.7:	TD2.7: Formal methods and standardisation for smart signalling									
2015	2015 2016 2017 2018 2019 2020 2021									
	Ongoing act.: X2RAIL-2; ASTRail									
						pl	anned ac	tivities		

	TD2.	8: Virtua	lly – Cou	ıpled Trai	n Sets (V	CTS)		
2015	2016	2017	2018	2019	2020	20	21	•••
				AWP2018:	: CFM, OC			





	TD2.9: Traffic management evolution									
2015	2016	2017	2018	2019	2020	2021	•••			
		C	Ongoing ac	t.: X2RAIL-	2					
	planned activities									

TD	2.10: Sm	art radio	o-connec	ted all-in	-all ways	ide objec	ts
2015	2016	2017	2018	2019	2020	2021	•••
	Ong	going act.: X	2Rail1, ETAL	_ON			
					plann	ed activities	

	TD2.11: Cyber Security										
2015 2016 2017 2018 2019 2020 2021											
	Ong	going act.:	X2Rail1, C	yrail							
	AWP2018: CFM, OC										
planned activities											





TD3.1 Enhanced Switch & Crossing System

2015 2016 2017 2018 2019 2020 2021 ...

ongoing activities: In2Rail, In2Track

AWP 2018: CFM

planned activities

TD3.2 Next Generation Switch & Crossing System

2015 2016 2017 2018 2019 2020 2021 ...

ongoing activities: In2Rail, S-CODE

AWP 2018: CFM

planned activities

TD3.3 Optimised Track System

2015 2016 2017 2018 2019 2020 2021 ...

ongoing activities: In2Rail, In2Track

AWP 2018: CFM

planned activities

TD3.4 Next Generation Track System

2015 2016 2017 2018 2019 2020 2021 ...

ongoing activities: In2Rail

AWP 2018: CFM

planned activities





TD3.5 Proactive Bridge and Tunnel Assessment, Repair and Upgrade

2015 2016 2017 2018 2019 2020 2021 ...

ongoing activities: In2Rail, In2Track

AWP 2018: OC & CFM

planned activities

TD3.6 Dynamic Railway Information Management System (DRIMS)

2015 2016 2017 2018 2019 2020 2021 ...

ongoing activities: In2Smart, IN2DREAMS

planned activities

TD3.7 Railway Integrated Measuring and Monitoring System

 2015
 2016
 2017
 2018
 2019
 2020
 2021
 ...

ongoing activities: In2Rail, In2Smart, MOMIT

AWP 2018: OC

planned activities

TD3.8 Intelligent Asset Management Strategies (IAMS)

 2015
 2016
 2017
 2018
 2019
 2020
 2021
 ...

ongoing activities: In2Rail, In2Smart

planned activities





	TD3.9 Smart Power Supply									
2015	2015 2016 2017 2018 2019 2020 2021									
ongoing ac	ongoing activities: In2Rail, In2Stempo									
planned activities										

TD3.10	Smart N	Netering	for Railw	ay Distri	ibuted Er	nergy Res	ource		
		M	anageme	ent Syste	em				
2015	2015 2016 2017 2018 2019 2020 2021								
	ongoing activities: In2Rail, In2Stempo, In2Dreams								

		TD	3.11 Futi	ure Statio	ons				
2015	2016	2017	2018	2019	2020	2021	•••		
	AWP 2017: IN2STEMPO, FAIR STATIONS								





	TD 4.1 Interoperability Framework										
2015 2016 2017 2018 2019 2020 2021 2022											
Ongoing a	Ongoing act. IT2RAIL, GOF4R, ST4RT, CONNECTIVE										
			AWP :	2018 Open (Call 1						
Planned activities											

TD4.2 Travel Shopping

2015 2016 2017 2018 2019 2020 2021 2022

Ongoing act. IT2RAIL, Co-Active, COHESIVE

AWP 2018 Call For Members

Planned activities

TD4.3 Booking and Ticketing										
2015 2016 2017 2018 2019 2020 2021 2022										
Ongoing act. IT2RAIL, Co-Active, COHESIVE										
AWP 2018 Call For Members										
Planned activities										

TD4.4 Trip Tracker											
2015	2015 2016 2017 2018 2019 2020 2021 2022										
Ongoing act. IT2RAIL, Attracktive, My-TRAC											
AWP 2018 Call For Members											
Planned activities											





	TD4.5 Travel Companion											
2015	2015 2016 2017 2018 2019 2020 2021 2022											
Ongoing act. IT2RAIL, Attracktive, My-TRAC												
	AWP 2018 Call For Members											
					Pla	nned activities						

TD4.6 Business Analytics										
2015 2016 2017 2018 2019 2020 2021 2022										
Ongoing a	Ongoing act. IT2RAIL, GOF4R, ST4RT, CONNECTIVE									
Planned activities										

ITD4.7 Integrated Technical Demonstrator										
2015 2016 2017 2018 2019 2020 2021 2022										
Ongoing act. IT2RAIL, COHESIVE										
AWP 2018 Open Call 2										





TD	TD 5.0 – Business analytics and implementation strategies										
2015	2015 2016 2017 2018 2019 2020 2021										
ongoing projects: SMART-RAIL, FR8RAIL, INNOWAG, FR8HUB											

TD5.1 Freight electrification, brakes and telematics													
2015	2015 2016 2017 2018 2019 2020 2021												
	ongo	ing project	s: FR8RAII	<mark>_, INN</mark> OWAC	3								
	AWP2018: CFM												
planned activities													

TD5.2 Access and Operation											
2015 2016 2017 2018 2019 2020 2021											
	ongo	ing project	s: ARCC, S	SMART, OP	TIYARD						
AWP2018: CFM											
planned activities											

TD5.3 Wagon design												
2015 2016 2017 2018 2019 2020 2021												
	ongo	ing project	s: FR8RAII	L, INNOWAG	6, FR8HUB	3						
AWP2018: CFM												
planned activities												





TD 5.4 Novel Terminal, Hubs, Marshalling Yards, Sidings													
2015	2015 2016 2017 2018 2019 2020 2021												
	ongo	ing project	s: FR8HUE	3									
	planned activities												

TD 5.5 New Freight Propulsion Concepts												
2015 2016 2017 2018 2019 2020 2021												
	ongoi	ng projects:	FFL4E, DYN	IAFREIGHT, F	R8HUB							
	AWP2018: CFM & OC											
	planned activities											

TD 5.6 Autonomous train operation											
2015 2016 2017 2018 2019 2020 2021											
	ongo	ing project	ts: ARCC, S	SMART							
AWP2018: CFM											
planned activities											





WA1 Long-term needs and socio-economic research & SPD's												
2015	2015 2016 2017 2018 2019 2020 2021 2022											
ongoing a	ongoing act.: ROLL2RAIL, IMPACT1, NEAR2050, IMPACT2											
planned activities												

WA2 KPI method and integrated assessment									
2015	2016	2017	2018	2019	2020	2021	2022	•••	
ongoing act.: ROLL2RAIL, IMPACT1, tender KPIs, IMPACT2									

WA3 Safety, Standardisation, Maintanance, Materials, Virtual Certification									
2015	2016	2017	2018	2019	2020	2021	2022	•••	
ongoing act.: PLASA, GoSAFE RAIL, IMPACT2, SMaRTE									
AWP 2018: CFM									
planned activities									





WA4 Smart Planning, I2M
2015 2016 2017 2018 2019 2020 2021 2022 ...

ongoing act.: IN2RAIL, PLASA, GoSAFE RAIL, IMPACT2

AWP 2018: CFM

planned activities

 WA5 Energy and sustainability

 2015
 2016
 2017
 2018
 2019
 2020
 2021
 2022
 ...

 ongoing act.: FINE1, OPEUS, DESTINATE

 planned activities

WA6 Human Capital									
2015	2016	2017	2018	2019	2020	2021	2022	•••	
ongoing act.: IMPACT2, SMaRTE, tender HC									





3- Programme approach: complementarity concept + internal JU processes





YOUR PROJECT and the overall S2R programme

- YOUR PROJECT will contribute to the achievement of the Master Plan and the MAAP objectives
- YOUR PROJECT is part of a programme and cooperation with other projects must be ensured
 - Through the collaboration and input to the JU Members, YOUR PROJECT will support the realization of long-term S2R technological demonstrations or innovative break-through
- Particular attention is given to ensure that there is no duplication of work between YOUR PROJECT and current/future R&I activities
- YOUR PROJECT results are taken into consideration for the next annual work plans to ensure sufficient **complementarity** and **coherence**.





Collaboration Agreement (1/5)

- 1. Complementary is defined at topic level
 - a. Evaluation of complementary project proposals was done by the same panel of experts
- 2. Complementarity between topics is compulsory established in the Grant Agreement
- 3. IP/CCA SteCos: high level synchronization points: Project Coordinators may attend the SteeCo meetings as observer and IP Coordinators cooperate with project coordinator to foster/promote synergies
- 4. S2R Programme Managers: Central Contact Point for both projects





Collaboration Agreement (2/5)

- Issues to be tackled (examples/non-exhaustive list)
 - Rules for collaboration, "who does what?"; Point of Contact for administration.
 - Handling review of documents
 - Agreement on action to be performed by both sides + linked timing (e.g. project A provides "user requirements" by M6 to project B; project B provides input by M18 to project A → project A uses input for deliver their deliverable 2.3).
 - Participation to restricted meetings (for specific purpose) or to public meetings (including Advisory Groups, etc...).





Collaboration Agreement (3/5)

- To be signed between the complementary beneficiaries of OC with beneficiaries of CFM (Arts. 2 and 41.4 of the GA)
- Model Collaboration Agreement to be used ... but to be fine-tuned by the parties to suit the specific needs!
 - if you use a different COLA, please share it with us
- To be signed as early as possible:
 - Share the final agreed version with the JU
 - In case of breach of obligation under the GA, the JU can take appropriate measures to ensure the correct execution of the action(s)
 - No COLAs between CFM Projects of the same "generation" and the JU will address the question in the next months





Collaboration Agreement (4/5)

Tips/lessons learnt:

- COLA establish the relation between OC Projects with CFM Projects, to ensure alignment, agreement on tasks, background and results and adequate dealing with know-how (if any) → Annexes should have meaningful content and ensure OC Projects duly provide to the CFM Projects input when so defined!
- Start discussions with complementary project(s) as soon as possible
 - Anticipate as much as possible issues (timing discrepancy, possible duplication, etc...)
 - Inform the S2R PM should any major difficulties encountered
 - However... COLA's signature cannot be a barrier to collaborate!
- Changes in your own project may be needed as a result:
 - assess the need for an amendment within the consortium
 - Inform the S2R PM as soon as possible → JU assessment





IPRs: Collaboration Agreement (5/5)

1. Access rights to background to beneficiaries of complementary grants

According to article 25.5: The rules on access to background (including conditions and scope of access) are generally the same as for results. *However*, for background there is NO (or a more limited) obligation to give access, if there are restrictions or limits (legal or otherwise) and the beneficiary has informed the others — before acceding to the GA (or immediately when additional background is agreed on) — e.g. a pre-existing agreement (e.g. an exclusive licence) which precludes the granting of access rights.

2. Access rights to results to beneficiaries of complementary grants

According to article 31.6: access rights to results must be granted to the beneficiaries of complementary.

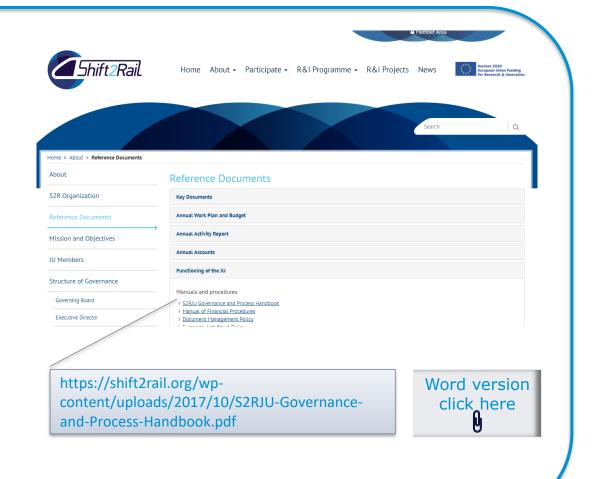




Internal JU processes

Governance and process handbook ("PM Handbook", available on the S2R website)

- The handbook defines and documents the Programme governance and relevant business processes, including relevant templates and guidelines.
- →Provides the Coordinator with useful reporting templates and guidelines (deliverable template, collaboration agreement, technical report, reporting to the SteCo, etc...)







Internal JU processes

S2R Projects official reporting

Technical reporting

Deliverables and Technical reports must be submitted in the appropriate template given in the PM handbook

Financial reporting

The financial reporting for CFM projects should follow the "Guidance for members and their appointed auditors". All project reporting must use the appropriate template

Project reporting to the Steering Committee

Each Committee meets every three months to handle disputes, propose possible budget re-allocations and check the implementation of detailed plans.

The project coordinators carry out the day-to-day project management, technical oversight and administration of the funded activities related to TDs and ITDs.

→ The project coordinators are expected to report to the SteCo the status of their project (using the appropriate template: "Project reporting to the IP SteCo")





Interactions & roles

Role of the Coordinator

YOUR PROJECT

- Central Contact Point for the S2R JU.
- Administers the **S2R financial funding.**
- Reviews the reports to verify consistency.
- Monitors the compliance under the GA.

S2R

Role of beneficiaries

- Carry out the work as identified in the Annex 1.
- Provide all data (financial and technical) requested by the S2R JU.
- Inform the S2R JU of any event that might affect the implementation.

IP SteeCo

- Ensuring continuity/synchronicity with IPs/CCAs.
- Ensuring contribution to MAAP.
- **Project Coordinator** may attend the SteeCo meetings as observer
- **IP Coordinator cooperate with Project Coordinator** to foster/promote synergies between TDs and CCA Area, different Activities of other IPs and CCA, running projects.

- **Ensuring** with the SteCo the fullfilment of the Master Plan
- **Central Contact Point** for the Project.
- > Supervise the project and the fulfilment of contractual obligations
- Check, deliverables, periodic reports. perform on-site reviews, etc.
- Check financial statements.

Support the Executive

SIWG*

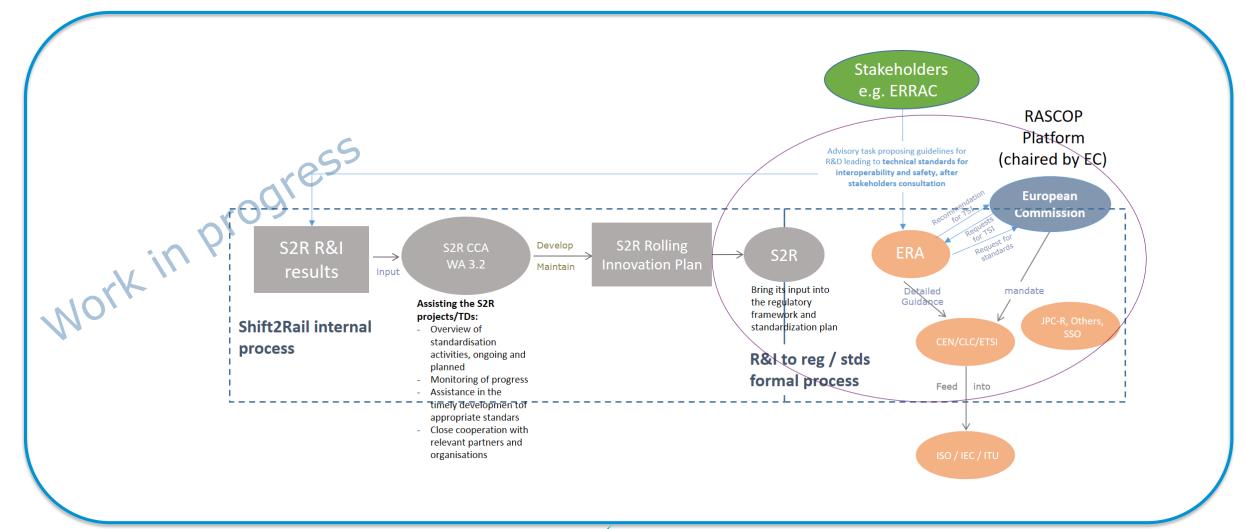
- Director in steering the Programme R&I activities
- **Discuss** processes in the context of Calls, Annual **Reviews and S2R** documentation
- **Report** on project's status and collaboration agreements
- **Ensure** alignment on crosscutting themes



^{*}Programme management setup



Projects results and process to standards / regulation







Projects results and process to standards / regulation

Relation with European Agency for Railways (ERA) relevant to the Projects:

To ensure that sucessful results do not encounter a regulatory blocking point because of their novelty, the S2R JU has defined with ERA and DG Move a process for collaboration at project level:

- 1. ERA could attend the evaluation of the call proposals as observer;
- 2. ERA will provide to the S2R JU the "the level of desired involvement" in those projects within the scope of its activities;
- 3. The S2R JU will discuss the involvement of ERA in the indicated projects with the relevant Project Coordinator to ensure their participation as appropriate. This should be defined during the Grant Agreement Preparation (GAP) phase, as far as possible;
- 4. ERA will communicate to the S2R JU the name of the ERA representative who will be following up the indicated projects;
- 5. S2R will provide the possibility to the ERA representative(s) to attend the respective Project Kick-off meeting and may involve him/her as observer during the Review meetings or Projects checks and may request ERA to provide written advice on specific Project deliverables or reports.



5hift2Rail

How to ensure that YOUR PROJECT will be successful?

- Delivering on time the expected results in accordance to the plan
- Regular dialogue with the S2R Programme Manager to ensure a good flow of information about the project and its progress.
- Collaboration with the bodies of the Joint Undertaking (in particular the IP Steering Committee or other working groups set up by the Governing Board) will be important.
- Coordination and cooperation with the complementary grants (and other ongoing research projects) will be essential.
- Coordination and communication among the different WPs.
- Collaboration to S2R KPIs and Standardization activity (CCA)



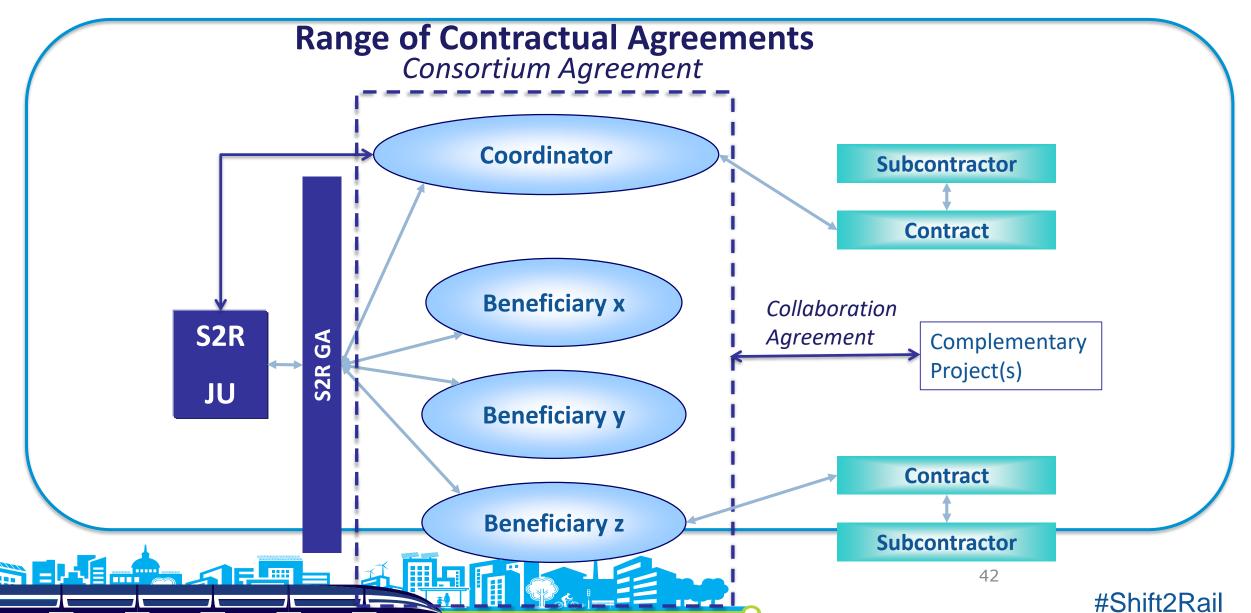


4 - Manage your project:Legal Aspects





Grant Agreement Structure





Grant Agreement structure

H2020 Grant Agreement

Annex 1: Description of the action part A & B

Annex 2: Estimated budget

Annex 3: Accession forms of beneficiaries

Annex 3a: Declaration joint liability of third parties

Annex 4: Model financial statements

Annex 5: Model certificate on financial statements

Annex 6: Model certificate on the methodology





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ТҮРЕ	CHARACTERISTICS							
	Works on action tasks?	Provides resources or services for action?	What is eligible?	Must be indicated in Annex 1?	Indirect costs?	Selecting the third party	GA articles	
Linked third party	YES	NO	Costs	YES	YES	Must be affiliated or have a legal link	Article 14	
International partners	YES	NO	N/A	YES	N/A	Must not be eligible for funding	Article 14a	
Subcontractor	YES	NO	Price	YES	NO	Must be best value for money, avoid conflict of interest	Article 13	
Third party providing in-kind contribution	NO	YES	Costs	YES	YES	May not be used to circumvent the rules	Articles 11 and 12	
Contractor (selling, equipment, good or service)	NO	YES	Price	NO	YES	Must be best value for money, avoid conflict of interest	Article 10	
Third parties receiving financial support ³¹	The third parties participate in the action as recipients.		Amount of support given	YES	NO	According to the conditions in Annex 1	Article 15	





Linked third parties (Art. 14) (1)

Affiliated entities (capital link) are:

- under the direct or indirect control of the beneficiary or
- under the same direct or indirect control as the beneficiary or
- directly or indirectly controlling the beneficiary.

Entities with a legal link:

 Broad and legal relationship not specifically created for the work in the GA (no ad hoc collaboration agreements).





Linked third parties (Art. 14) (2)

- The beneficiary remains responsible towards the JU for the work carried out by the linked third party.
- Do NOT sign the GA
- Must fulfil the same conditions for participation and funding under H2020 as beneficiaries
- Does not charge a price, but declares its own costs for implementing the action tasks





Purchases (Art.10)

Purchases of goods, works or services (Art.10)

- If necessary to implement the action and limited in cost and scope.
- Based the purchase either on the best value for money or the lowest price.
- "Contracting authorities" (2014/24/EU) or "Contracting entities" (Directive 2014/25/EU) must comply with the applicable national law on public procurement.





Subcontracting (Art. 13)(1)

Subcontracting (Art.13) versus Purchases (Art.10) (Pag. 126 AMGA):

- Implementation of action task vs necessary to its implementation (auxiliary tasks).
- Need to be indicated in Annex 1 vs No need to be indicated.
- Best value for money/national law on public procurement in both cases.





Subcontracting (Art. 13)(2)

- If necessary to implement the action.
- Only limited to certain tasks and parts of the action.
- Based on business conditions, entailing profit.
- Work without the direct supervision of the beneficiary and it is not hierarchically subordinate to it.
- Responsibility lies fully on the beneficiary.
- Best value for money/national procurement rules.





Subcontracting (Art. 13)

• New subcontracts. If not foreseen at the moment of the signature of the GA, the coordinator must request an amendment. It can be exceptionally approved during reporting time without an amendment.

Specific cases:

- Framework contracts (E.g. services, furniture). If this is the usual practice of the beneficiary. Best value for money and no conflict of interest.
- Coordinator tasks of the Coordinator cannot be subcontracted.





Summary: Third parties (1)

eneficiary Contracts necessary for the implementation \mathbf{m} Contributions in kind

- For the purchase of goods, works or services
- Ensure best value for money and avoid any conflict of interests
- Article 10 GA
- Free of charge or against payment are eligible costs if they meet the eligibility conditions
- Must be set out in Annex 1
- If not identified in Annex 1, S2R JU may still approve them (beneficiary bears the risk of rejection)

• Articles 11 & 12 GA





Summary: Third parties (2)

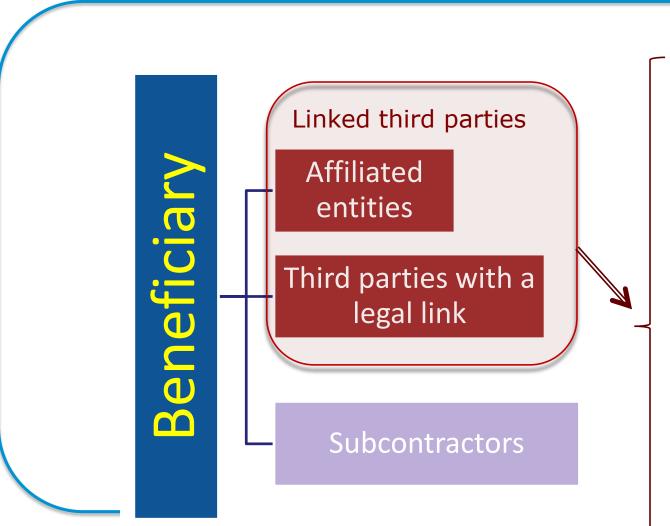
Linked third parties Beneficiary Affiliated entities Third parties with a legal link Subcontractors

- Ensure best value for money and avoid any conflict of interests
- Estimated costs and tasks must be identified in the budget and Annex 1
- If not identified in Annex 1, S2R JU may still approve them without amendment if specifically justified in the periodic technical report and not entailing changes to the Agreement (beneficiary bears the risk of rejection).

Article 13 GA



Summary: Third parties (3)



- Similar to FP7 Special Clause 10
- Must be identified in the GA PIC
- Separate tasks / budget
- Same <u>cost</u> eligibility criteria like beneficiaries
- NEW: S2R JU may request them to accept joint and several liability for their EU contribution in order to protect the EU's financial interests.



Consortium Agreement (1)

The S2R JU is NOT part of it.

Key issues addressed in the Consortium Agreement (Indicative list):

- Internal organisation of the consortium.
- Management of access to the electronic exchange system.
- Distribution of EU funding.
- Settlement of internal disputes.
- IPR (to be decided before signature of contract)
- Risk management / collective responsibility
- Liability, indemnification and confidentiality arrangements between the beneficiaries.





Consortium agreement (2)

- Mandatory unless exceptionally provided otherwise in the work programme/call.
- Must not contradict the GA.
- Should be negotiated and concluded before the signature of the GA (or serious risk that prolonged disagreement jeopardises the action).
- Costs related to the preparation of the Consortium Agreement are not eligible.





Ethics and Security

- Ethics review is conducted in order not to fund proposals that contravene ethical principles. Proposals that are security sensitive must undergo a security screening
- 1. Self-assessment at the stage of proposals submission
- 2. Ethics review during the selection procedure
 - Clearance
 - Conditional clearance (Ethic issues to be addressed in Annex 1)
 - definition of ethics requirements
 - > Ethics deliverables
 - Recommendation for ethics checks. In parallel with GAP
- 3. Ethics checks, review and audits
- Common ethics issues (1) participation of humans in research, (2) protection of personal data, (3) participation of third countries, (3) dual use





ACCESS RIGHTS TO BACKGROUND

- The beneficiaries must identify and agree on what **constitutes background** for their action.
- The agreement may take any form (e.g. positive list, negative list). It may be a separate agreement or may be part of the consortium agreement (article 41).
- If access to background is subject to **legal restrictions or limits**, the beneficiary must inform the other beneficiaries before signing the GA
- Access must be given:
 - For the implementation of action tasks: the default rule is royalty-free.
 - o For the exploitation of results: under fair and reasonable conditions.





OWNERSHIP OF RESULTS

- Results belong normally to the beneficiary that produced them..
- Automatic joint ownership If beneficiaries have jointly generated results and it is not possible to establish their respective contribution (or to separate them for protection), the beneficiaries automatically become joint owners. The beneficiaries concerned must conclude a joint ownership agreement.
- The beneficiaries must ensure that they can fulfil their obligations under the GA
 regarding results, by making arrangements with any third parties that could claim
 rights to them





ACCESS TO RESULTS

- The beneficiaries must provide access to results, if it is needed:
 - by another beneficiary, for implementing action tasks or exploiting results
 - by an affiliated entity of another beneficiary, to exploit the results produced by the beneficiary to which it is affiliated unless otherwise provided for in the consortium agreement.
- Access rights are not automatic; they must be requested (in writing).
- The agreement by the beneficiary owning the results (on the request for access) may be in any form (tacit, explicit, in writing or oral).





Suspension of the GA

Costs incurred during the suspension period are **NOT** eligible.

By the beneficiaries (Art. 49.1):

Exceptional circumstances (e.g "force majeure") makes implementation imposible.

By the JU (Art.49.2 GA):

• A beneficiary has committed or is suspect of having committed substantial errors, irregularities, or fraud, or serious breach of obligations under the GA.





Termination

By the beneficiaries (Art. 50.1 & 50.2):

 Notification must include the reason why and the date the termination will take effect.

By the JU (Art.49.2 GA):

Only for the grounds listed under Art. 50.3.1 GA.

Eg. No accession to the Agreement; implementation of the action is prevented by force majeure; a beneficiary is declared bankrupt; etc.





5 – Manage your project: Financial aspects Reporting, payments, budget and cost categories





5.1 - Reporting & payments





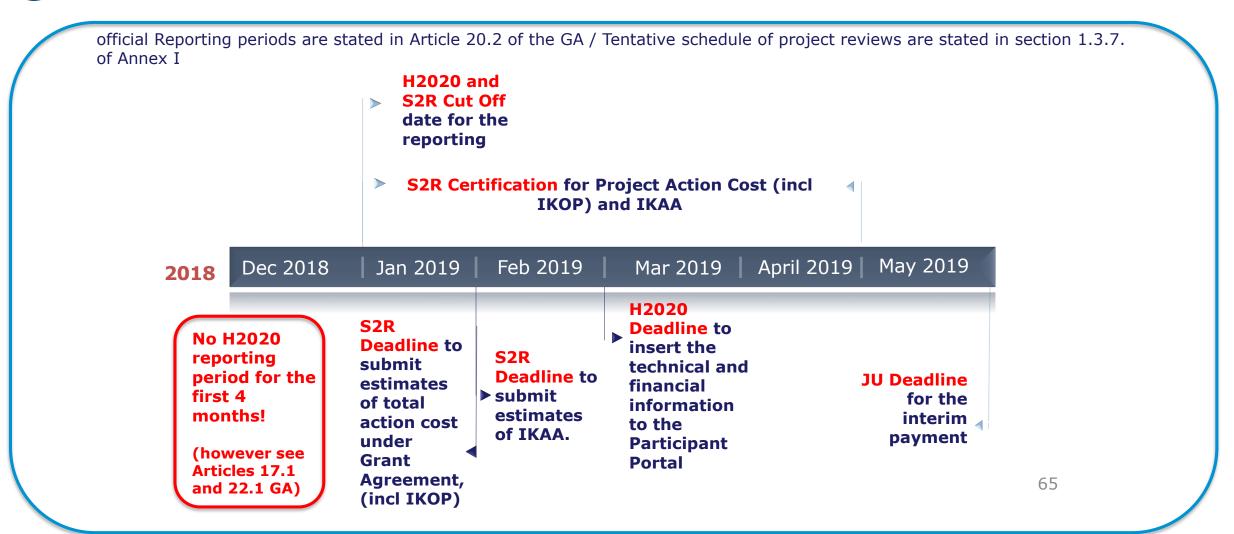
Technical deliverables

- The S2R JU will undertake regular review for each of the funded project to ensure the Deliverables are on-track and of the necessary quality
 - ➤ Those "investment gate controls" are set in the GA for Members' project as Annual → month of April, before payments
 - For OC projects the control will be based on the received deliverables and project review may also happen during the same period





CFM Annual Reporting and Review







Reporting Periods OC

S2R Governance Handbook: Project awarded through Open Calls, the cycle is in line with the usual practice applied within H2020 projects. Consequently, the reporting period for interim payment ends is not combined with the annual cycle but has been set every 12 months after the start of the project, for projects between 18 to 24 months, and every 18 months for longer life projects.

ARTICLE 20 — REPORTING — PAYMENT REQUESTS

ARTICLE 20 — REPORTING — PAYMENT REQUESTS

20.1 Obligation to submit <u>reports</u>

The coordinator must submit to the [Commission][Agency] (see Article 52) the technical and financial reports set out in this Article. These reports include the requests for payment and must be drawn up using the forms and templates provided in the electronic exchange system (see Article 52).

20.2 Reporting periods

The action is divided into the following '**reporting periods**':

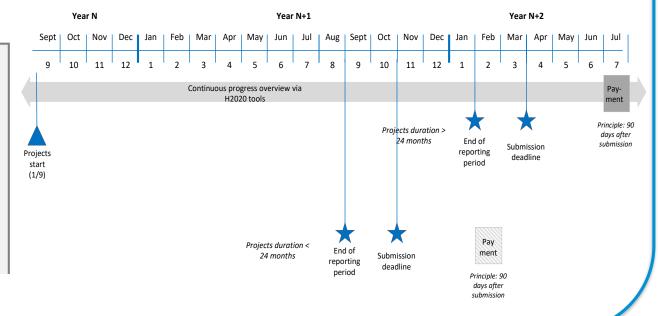
- RP1: from month 1 to month [X]

[- RP2: from month [X+1] to month [Y]

- RP3: from month [Y+1] to month [Z]

[same for other RPs]

- RPN: from month [N+1] to [the last month of the project].]







Types of payments (Article 21)



One or several interim payments

One payment of the balance





Payments

- Payments will be made to the coordinator to the bank account established in the grant agreement
- Coordinator must distribute the payments to the beneficiaries without unjustified delay
- The coordinator will inform about the **distribution of the payments**: if the S2R JU requires it, in the event of a recovery at payment of the balance, if the participation of a beneficiary is terminated
- If the S2R JU does not pay within the deadline, the beneficiaries are entitled to a late-payment interest





Pre-financing

One pre-financing payment

When

 Within 30 days from the signature of the grant or 10 days before the starting date, whichever is latest

How much

- Usually = maximum grant amount / number of periods
- Retention 5 % of maximum grant for Guarantee Fund

Characteristics

 It remains the property of the EU until the payment of the balance





Pre-financing

EXAMPLE							
Maximum grant amount (Article 5.1)	Funding rate	Reporting periods	Guarantee Fund (5 % x 1 000 000)				
1 000 000	100%	3	50 000				

Usual pre-financing = maximum grant amount / number of periods

+

Pre-financing Payment

283 334 €

Transferred to the consortium

50 000 €

Transferred to the Guarantee

= 333 334 €

Fund



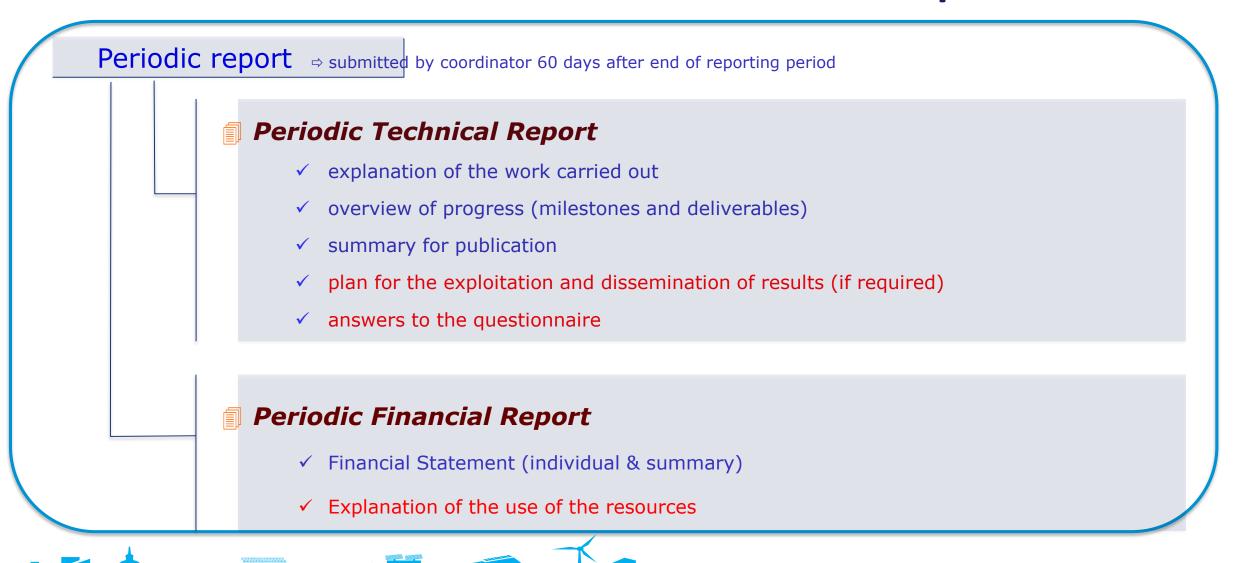
Guarantee Fund

- Participant's Guarantee Fund is established amounting to 5% of total funding contribution
- The Guarantee Fund belongs to all beneficiaries of grant agreements under H2020
- Financial interests generated by the Guarantee
 Fund will serve to cover against financial risks
- The amount contributed to the Fund will be reimbursed at the end of the final payment after the end of the project





After the end of each interim period





After the end of each interim period

An interim payment

When

• 90 days from reception of periodic reports

How much

- EU contribution corresponding to the eligible costs incurred in the reporting period
- Limit = 90 % of the maximum grant amount

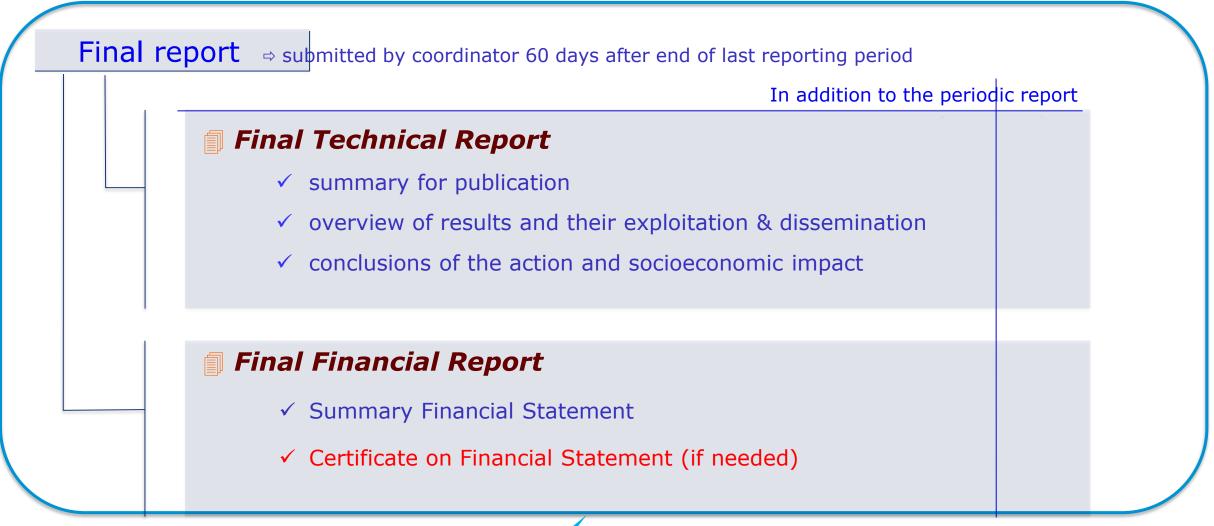
Characteristics

 Ineligible costs will be rejected and not taken into account for the payment





After the end of the last period







After the end of the last period

A payment of the balance

When

• 90 days from reception of final reports

How much

- Reimburses the remaining part of the eligible cost incurred
- Includes the release of the Guarantee Fund (GF)

• If Σ payments made < final grant amount : payment

Characteristics

- If Σ payments made > final grant amount : recovery → first by offsetting with GF released, if not enough, by a recovery order
- If applicable: receipts & reduction of the grant will be taken into account to determine the final grant amount

Final grant amount: example

EXAMPLE					
Maximum grant amount	Approved eligible costs	Funding rate	If Receipts	If Reduction	
200	220	100%	30	20	

Step 1

Total approved eligible costs X reimbursement rate (100% research actions/70% and 100% innovation actions)

Step 2

The lower between Step 1 and the maximum amount of the grant

Lower between (220; 200) = 200

Step 3

If reduction due to the no-profit rule

(Profit (only if positive) = Step 2 + receipts – Eligible cost)

$$200 - (200 + 30 - 220) \Rightarrow 200 - 10 = 190$$

Step 4

If reduction due to improper implementation or breach obligations under GA, the lower between Step 3 and the reduced maximum grant

Lower between $(190, (200 - 20)) \Rightarrow$ Lower between (190, 180) = 180



Reporting: what if...?

(Article 20.8)



The consortium is late: no reports on time

The S2R JU will send a reminder

The payment deadline is suspended

If still not submitted after 30 days, the S2R JU may terminate the grant agreement!



One beneficiary is late: its report is not ready

The Coordinator may decide to submit the reports without that beneficiary

Beneficiary's costs will be considered 'zero' for this reporting period, but it can declare its costs with the next reporting period





Reporting

The S2R JU analyses the reports and:



The reports are complete and satisfactory, so it pays



The reports are incomplete / further information is needed:



Payment deadline is suspended



In exceptional cases the S2R JU may:

- Reject the reports giving justification
- Suspend the payments for one or more beneficiaries
- Terminate the grant





Reminders for the financial reports

- Linked third parties fill in a separate financial statement but only their beneficiaries can encode it in the IT system
- Don't forget to submit the Certificate on the financial statements (for beneficiaries and/or the linked third parties), if needed
 - * as part of the final report
 - * when total EU contribution claimed by the beneficiary on the basis of actual costs + unit costs for average personnel ≥ EUR 325.000 (excluding e.g. flat rates !)



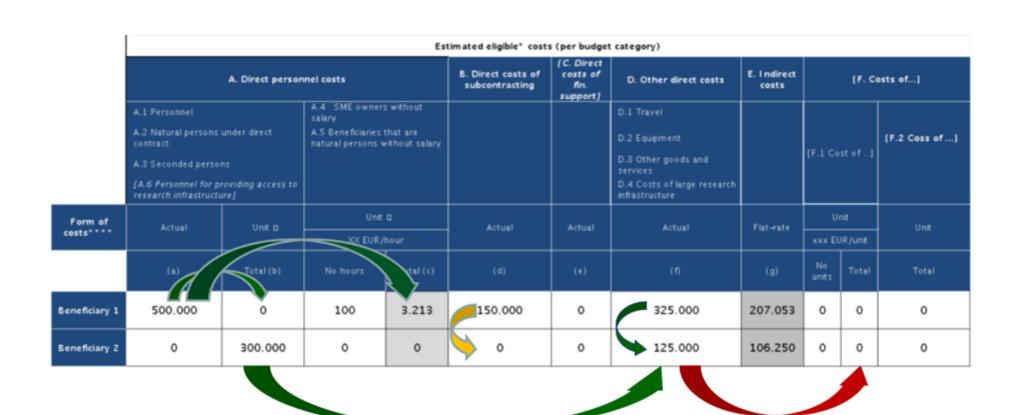


5.2 - Budget and cost categories





Budget Transfers







Budget Transfers

Budget transfers and re-allocation	Amendment needed?	
From one beneficiary to another	NO	
From one budget category to another	NO	
Re-allocation of Annex 1 tasks	YES	
Transfers between forms ofcosts (actual costs, unit costs, etc.)	YES if the 'form' receiving thetransfer was not included in the budget (example a new unit cost)	
Transfers within personnel costs	NO NE	
New subcontracts	YES (strongly advised)	





Eligibility

- Subject to approval of technical reports
- Stated costs must be reasonable compared to work
- Actual (or follow the rules e.g. unit costs)
- Incurred during duration of project
- In accordance with **beneficiary's usual accounting** and management principles
- Recorded in the accounts of beneficiary
- Used for the sole purpose of achieving the objectives of the project





Eligibility

- Staff working on the project must keep **time records** (hours they spend on the project; regularly (daily, weekly); countersigned by a supervisor
- You must declare costs based on the actual amounts spent (AGA Article 5, Article 6(1)): **Personnel Costs** based on actual staff costs; **Other direct costs** based on actual costs for the project (AGA Article 6,2 D); **Depreciation** costs for assets; Real costs of **consumables**
- You cannot, under any circumstances, sub-contract to a project partner (AGA Article 13)





Eligibility

Forms of costs

Actual costs

• Costs actually incurred, identifiable and verifiable, recorded in the accounts, etc. see **Article 6** GA



NEW: non-deductible VAT is now eligible

Unit costs

- A fixed amount per unit determined by the Funding Authority Example: for SME owners not receiving a salary
- For average personnel cost (based on the usual accounting practices with possible certificate on the methodology)

Flat rate

• A percentage to be calculated on the eligible costs

Example: 25% flat rate for indirect costs



PERSONNEL COSTS

✓ Less requirements for time records

Example: No time records for researchers working exclusively on the project.

✓ Wider acceptance of average personnel costs

Broadening the acceptance of usual cost accounting practices (including cost-centre approaches) as unit costs.

- Acceptance of additional remuneration
 - → Limited to non-profit legal entities
 - → Up to 8000 Euro/year/person working full-time exclusively in the action
 - → Subject to specific conditions





Personnel Costs

CALCULATING PERSONNEL COSTS

ACTUAL PERSONNEL COSTS

Calculation method defined in the model GA

UNIT COSTS



Fived by th

Calculated by the beneficiary in accordance to its usual accounting practices

(Average personnel costs)

Fixed by the Commission

for the owners of SME beneficiaries without a salary and natural persons without a salary





Annual Productive Hours

1720 hours

Individual annual productive hours

• Formula: annual workable hours + overtime - absences

Standard annual productive hours

 According to the beneficiary's usual accounting practices; Minimum threshold: annual productive hours ≥ 90 % of the standard workable hours





Other Direct Cost

- Cost must be actual, identifiable and verifiable (Art. 6 AGA)
 - No estimation of costs
 - No budgeted costs
- May include energy and power supply if can be measured and if it is the general practice to include actual cost to a project and not include it to the overheads
- Spare part may be included but only from the portion of actual consumption
- Contracts when they do not cover the implementation of action task but they are necessary (audit certificate, translation, consultant, setting up a website if not identified in Annex 1 as a task to the project) Art. 10 AGA
- Depreciation of equipment only in case directly used in projects, otherwise subject to timesheets (No % approach)





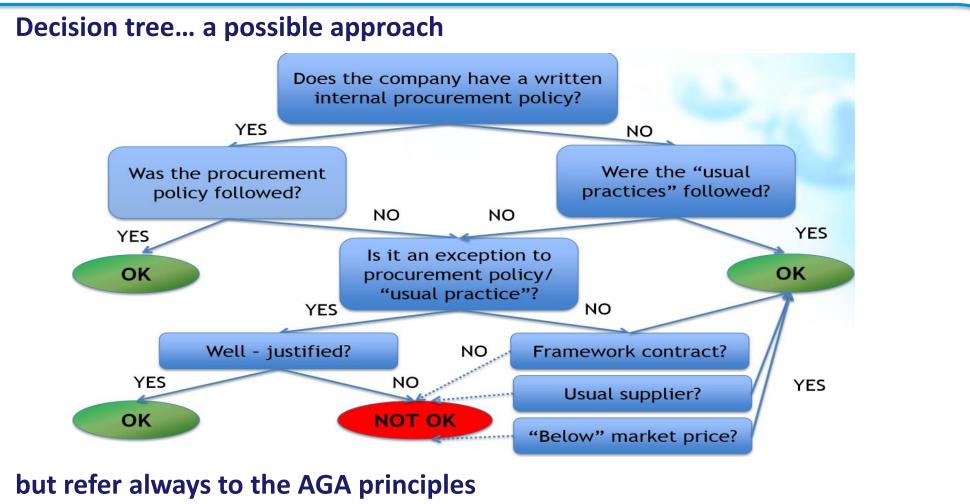
Subcontracting – Art. 13

- Subcontracts cover the implementation of action task as described in Annex 1 (Website, testing, building a prototype or any other defined in Action tasks)
- Not covered by the flat rate of indirect cost
- Subcontracting between beneficiaries in the same project is not allowed (p. 133 AGA)





Best Value for Money







Receipts

Income generated by the action (except for action's results)

Income generated from the sale of assets purchased in the GA

Receipts

In-kind contributions:

- -specifically for the action
- -received free of charge

Financial contributions specifically assigned by the donors to finance the eligible costs



No-profit rule applied at project level, not per beneficiary!





Controls and audits: ex-ante

- Financial viability
 - Most beneficiaries exempt from detailed analysis; only systematic check for coordinators when requested EU funding for the action is ≥ EUR 500 000
- Certificates
 - Certificate on the financial statements: Only for final payments when total EU contribution claimed by the beneficiary on the basis of actual costs + unit costs for average personnel ≥ EUR 325.000 (excluding e.g. flat rates !)
 - Certificate on the methodology: Optional for average personnel costs (now under unit costs)





Controls and audits: ex-post

"Ex-post" controls

- Audits of the S2R performed by EC services on behalf of
 S2R limited to two years after the payment of the balance
- Audits performed by the European Court of Auditors
- OLAF Investigations....

Extension of audit findings

- Former "extrapolation" now included in the AGA
- In the case of systemic or recurrent errors, irregularities, fraud or breach of obligations





6 - Manage your project: Financial Aspects Do's and Dont's

Please help us to help you to avoid errors!





Consequences of errors

Controls and audits are undertaken by the S2R JU (AGA Article 22) and the European Court of Auditors ... OLAF

Identified errors could lead to:

- Recovery of the undue amount (some time after you have received the money!)
- Penalties
- Reputational damage
- Financial losses
- etc





GAP checks

- Check that all third parties have been **clearly** declared (AGA Articles 6, 11, 12, 14)
- Check that all sub-contracting of scientific (or other) work has been clearly declared (AGA Article 13)
- Using in-house consultants? please check the rules carefully (AGA Article 6.2 A2)
- Is a partner an interest group without staff? –
 normally staff costs relate to employees, this may be
 better declared as sub-contracting (AGA Article 6.2,
 A1)





Time records

Staff working on the project must keep time records (AGA Article 18)

- staff must record the hours they spend on the project
- regularly (daily, weekly)
- countersigned by a supervisor





Time records

You must keep time records!

Typical errors:

- Staff working on the project and sick or on holiday at the same time
- Hours claimed cannot be supported
- Impossible number of hours claimed





Actual Costs

You must declare costs based on the actual amounts spent (AGA Article 5, Article 6(1))

- Personnel Costs based on actual staff costs
- Other direct costs based on actual costs for the project (AGA Article 6,2 D):
 - Depreciation costs for assets
 - Real costs of consumables
- Please declare all your costs (guidance to AGA) Article 20) to mitigate potential disallowance





Actual Costs

You must declare costs based on the actual amounts spent

Typical errors

- Declaration of the agreed budget for the project the budget is a maximum amount, not THE amount or a price!
- Full costs of assets charged
- Internal charging system with no relation to real costs
- No demonstrated link of consumables to the project



Best Value

You must demonstrate "best value" in purchasing (AGA Article 10) and sub-contracting (AGA Article 13)

- some level of tendering to demonstrate "best value" e.g. tender, three offers, market survey
- We will normally accept your standard practices, when properly used
- We will normally accept commercial agreements already in place
- Naming the supplier in the contact does not mean that you do not have to demonstrate best value





Best Value

You must demonstrate "best value" in purchasing and sub-contracting

Regular errors

- "best value" not demonstrated no tender, no offers, no market survey
- Participants own normal practices not applied
- No documentation kept





Eligibility date

Don't charge costs incurred before the entry into force of the Grant Agreement

(Unless an earlier start date is agreed with S2R JU)

AGA Article 3, Article 6(1)a(ii)





5 most common errors

- 1. Direct costs apportioned, not measured
 - 2. Time sheets (we hope no more hourly rates)
- 3. Best value for money (subcontracting and purchase of goods)
 - 4. Basic vs additional remuneration
- 5. In-house, near off-site, semi-permanent, teleworking consultants



5+. Same old friends: no papers, depreciation "in one shot"



Direct costs examples

Administrative staff members doing project accounting:

-> can I charge them to the project?

Yes, with time sheets...

I have a big multi-purpose equipment and I use it for several activities and projects:

-> can I charge its depreciation to an EC project as a % of total capacity based on my experience?

No. I have to measure its use.





Time sheets examples

I work 100% on the project so I don't have to fill in TS, correct?

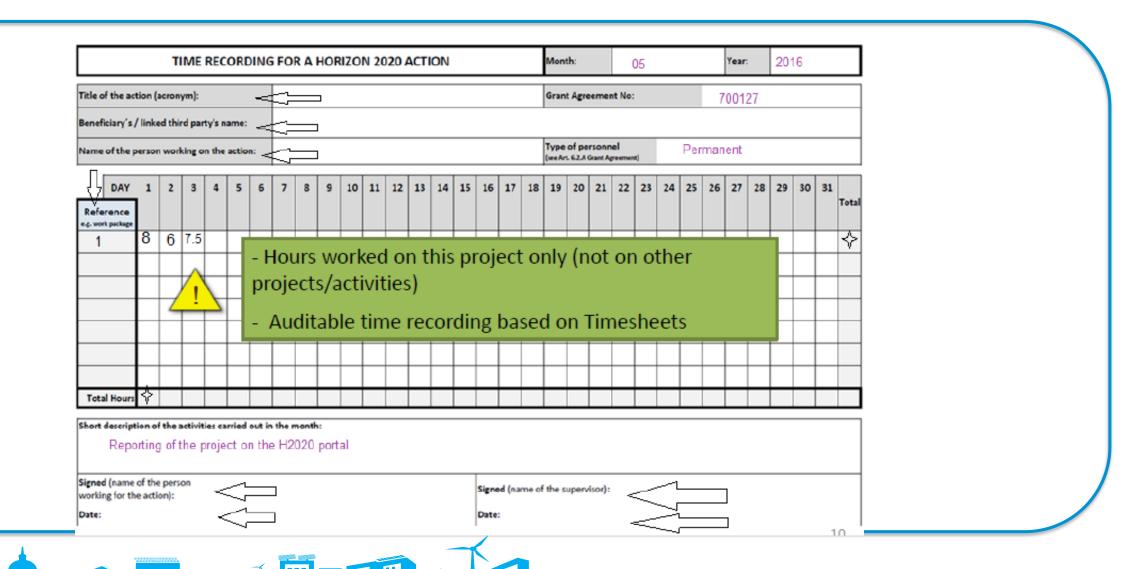
Correct, but pay attention:

- Did I spend a significant part of my time building up a network with other entities or other laboratories of my company, for future projects?
- Did I spend time in writing proposals for the next calls?
- Did I give lectures for the University?
- Did I travel for other unforeseen activities?
- What do I have to indicate in the box of the self-declaration requesting an indication of the activities carried out, per work package?





Time sheets examples





Time sheets examples

Timesheet needs to show at minimum:

- 1. Title and number of the project, as specified in the GA
- 2. Beneficiary's full name, as specified in the GA
- 3. Full name, date and signature of the person working for the project
- 4. Number of hours worked for the project in week/month covered by the time record,
 - & includes absences (sick leave, annual leave, workshop attendance, training...).
- 5. Supervisor's full name and signature & date
- 6. Reference to the project tasks or work package described in DoA
- 7. Brief description of the activities carried out, to show what work was done





Time sheets examples

Electronic timesheet:

- 1. Electronic signature linking the electronic identity data with the electronic validation data require a password and user name
- There is a documented secure process for managing user rights
- 3. An auditable log of all electronic transactions





Declaration for persons working Shift2Rail exclusively on the action:

Model available in the AGA (version 19/12/2014)

the whole reporting perio	d
---------------------------	---

from/
(This period must cover at least one full natural month)

Only one declaration can be < made per reporting period for

Declaration on a person working exclusively on a H2020 action

Beneficiary's/linked third party's name Reporting period covered by this declaration					
Reporting period covered by this declaration Reporting period from (date) to (date) This document certifies that					
Reporting period covered by this declaration Reporting period from (date) to (date) This document certifies that					
Reporting period covered by this declaration Reporting period from (date) to (date) This document certifies that					
Reporting period covered by this declaration Reporting period from (date) to (date) This document certifies that					
Reporting period number from (date) to (date) This document certifies that					
This document certifies that	Reporting period covered by this declaration ¹				
This document certifies that					
beneficiary/linked third party exclusively on the above-mentioned H2020 action during (chose below): the whole reporting period from/					
beneficiary/linked third party exclusively on the above-mentioned H2020 action during (chose below): the whole reporting period from/					
from/	for the ose one				
(This period must cover at least one full natural month) Short description of the activities carried out during the period covered by this declaration. Reference					
Reference Activities					
	ntion				
SIGNATURES					
For the beneficiary/linked third party For the person working exclusively on (supervisor) the action	1				
Name:					
Date:/					
Signature: Signature:					
Only one declaration can be made per reporting period for each person working in the action. Insert name of the person. Insert date.					
4 Insert date.					





Hours worked for the action

You <u>cannot</u> declare:

- → Budgeted time (what you indicated for the budget)
- → Estimated time (e.g. person 'guessing' at the end of the year)
- → Time allocation (e.g. x % of the contractual time of the person)



Hours declared to the action must be supported by reliable records and documentation!





Best Value for Money errors...

You must demonstrate <u>'best value for money'</u> and take measures to <u>avoid 'conflict of interests'</u> in sub-contracting <u>and in Purchase of Goods</u>

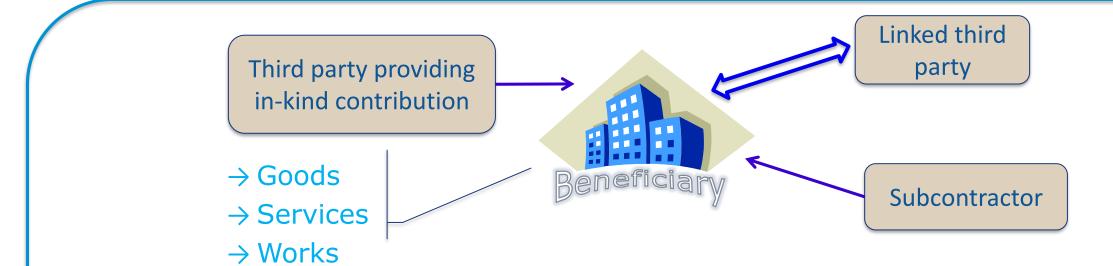
Regular errors

- 'Best value' not demonstrated no tender, no counteroffers, no market survey.
- Participants' own normal practices not applied.
- No documentation kept.
- Conflict of interests overriding any competition.





Third Parties' warnings





The beneficiary retains the sole responsibility for the work and the costs declared!

If something goes wrong with the third party, the beneficiary will be responsible.





Basic vs additional remuneration

A bonus scheme can be discretionary, yet based on objective conditions (merit, performance, potential — no matter how these are assessed by the boss - but as part of the usual remuneration policies, and documented). The scheme cannot be arbitrary or discriminatory, i.e. a bonus paid only if and when a researcher works on a H2020 project.





Consultants and similar

I have a contract with an Interim company for some personnel: can I charge the invoices issued by this Interim company as personnel costs?

No, the person must have a contract directly with the beneficiary.

I take advantage of a national law for temporary softrecruitment tax-free, but I cannot impose TS or direct supervision: can I charge the costs as personnel?

No, but you can still charge their costs either as subcontractors or as service providers.





Contract & Budget Category

What you CANNOT declare under personnel costs?

- Contracts with companies (e.g. temporary work agencies) to provide staff.
- Natural persons (e.g. consultants) not fulfilling the conditions (hierarchical dependence, premises, similar cost for similar tasks, ownership of results).
 - e.g. working autonomously on the tasks assigned to them
- Natural persons (e.g. consultants) paid for deliverables rather than for working time



In the cases above the costs may be eligible under 'Other goods and services' or under 'Subcontracting' but never as personnel costs





7 – Amendments, legal basis







7.1 – Legal Basis





Amendments General (1)

Article 55 AGA

WHAT?

An amendment to the grant agreement is necessary to **change** only specific data, options, **Annexes 1 and 2**

Consequences

The amended provisions **become** an integral part of the GA

All other provisions remain unchanged and have full effect





Amendments General (2)

- An amendment is necessary whenever there is a need to change the GA
- Amendments may NOT result in changes that would have had and impact on the award decision.
- The general terms and conditions of the GA can NOT be changed via amendment.
- The amendment will take effect either on the day of its intry into force or on the specific date(s) indicated in the amendment.





Amendments: When?

Requests will be introduced **before the end of the action** (i.e. date set out in Article 3)

Exception: After the end of the action in exceptional cases (e.g. change of coordinator/bank account to make the payment of the balance)

Requests will be submitted **sufficiently in advance** (to allow preparation and proper analysis before the changes are due to take effect)





Amendments: Who?

Coordinator submits & signs amendments on behalf of the beneficiaries (Annex 3 – Accession Form)

Exception: if change of coordinator without his/her agreement, request must be done by another beneficiary (acting on behalf of the other beneficiaries)

Coordinators must ensure internally the agreement of the consortium based on their internal decision-making processes

(e.g. unanimity, simple or qualified majority etc. set out in the consortium agreement)





Amendments: how?

H2020

Amendments

are PAPERLESS

Prepared electronically

Requesting party will encode the amendment request

- * Indicate the reasons
- * Upload the supporting documents
- * Get validations done before submitting the request

(e.g. new legal entity, new bank account validations)

Submitted & signed electronically (by PLSIGN)

Counter signed electronically by receiving party (by PLSIGN)







7.2 - Cases where an amendment is necessary (some examples)





Beneficiaries – changes

1. Removal of a beneficiary whose participation is terminated (Article 50.2 and 50.3)

- If it never became a beneficiary:
 - o non-accession to GA, or
 - o non-provision of requested declaration on joint and several liability Beneficiary is removed from the beginning
- For other reasons set out in Article 50
- Annexes 1 and 2 will be changed.
- If the coordinator is removed, the amendment has to propose a new coordinator.
- LTP participating with the beneficiary will be automatically removed.





Beneficiaries – changes

2. Adding a new beneficiary

- New beneficiary must be validated and have a PIC before the submission.
- New beneficiary and accession date are added to the Preamble of GA. It is possible to choose between the date of the signature of the accession form; the date of entry into force of the amendment or a fixed date (future or retroactive).
- Annexes 1 and 2 will be changed.
- Depending on type of beneficiary (e.g. JRC, IO) and if it was/was not receiving EU funding options will be added/modified/become applicable





Coordinator - changes

3. Change of coordinator

- 'Handover date' will be added in the Preamble of the GA
- There is NO need for an amendment to change the *person* in charge of the coordination of the project.
- Amendment request <u>can be</u> submitted after the end date of the action (e.g. coordinator in bankruptcy)

4. Change of bank account for payments

Banking information must validated before submitting the request

5. Change of the option for 'authorisation to administer'

• Option in Article 41.2 is added/removed/modified (e.g. change of name of the entity with an 'autorisation to administer')





Action or action implementation - changes

6. Change to Annex 1 (description of the action)

- Significant change of the action tasks (e.g. if tasks are added/removed) or their division among the beneficiaries
- Changes concerning in-kind contributions provided by third parties (against payment or free-of-charge) or subcontracts
- Changes concerning the tasks to be carried out by linked third parties and related costs
- Changes to the options in the GA (e.g. options are removed or added)
- Example: adding the options to provide trans-national access to research infrastructure requires normally a modification of Annex 1 and/or Annex 2





Financial aspects - changes

7. Change to Annex 2 (estimated budget)

- Budget transfer between beneficiaries or budget categories (or both) due to a significant change of Annex 1
- Budget transfer to a form of costs that is not provided for in Annex 2

Examples: from actual costs to the unit costs for SMEs owners from actual costs to average personnel costs

8. Change of Annex 2a: 'Additional information on the estimated budget'

If the calculation of the unit costs needs to be provided or updated





No Amendment

- 1. Change of name, address, or other legal entity data of the coordinator, beneficiary, linked third party
- 2. Change of beneficiary due to universal takeover

(In FP7: 'universal transfer of rights and obligations')

3. Changes to name of the bank, address of branch and name of account holder

(validation of this data on the PP by the S2R JU is sufficient)







7.3 – Amendment procedure





Amendment Procedure (1)

After submission of request the receiving party has **45 days** for 'evaluation and validation' (may exceptionally be extended)

Agreement

Rejection

Request for additional information

Extension of the deadline for assessment

If no reaction within deadline, tacit rejection





Amendment Procedure (1)

A request containing several changes to the GA will be considered as a package and:

- it cannot be divided into several requests;
- request will be agreed or rejected as a whole;
- cannot be modified.

If there is **no reaction** within this deadline the request is considered to have been rejected

There is no tacit approval of amendments (contrary to FP7)





Entry into force and taking effect

- An amendment enters into force and is binding from the moment the receiving party signs it (in the electronic exchange system)
- An amendment takes effect (the changes will start to apply):
 - when the amendment enters into force, or
 - on the date agreed by the parties

This date should normally be after the entry into force

If an amendment request involves several changes, they could take effect on **different** dates (e.g. addition of beneficiary and change of bank account)

Depending on the type of change, the date of taking effect may have an **impact on the** eligibility of costs





• 8 - Communication and dissemination





Communications

Important for S2R! (and obligation on the GA)

- Communications plan in the proposal and the grant agreement
- Promote your project and its results beyond the project's own community
- Communicate your research in a way that is understood by non-specialists, e.g. to the media and the public
- Inform us in advance of communication activities expected to have a major media impact

> Communication ≠ dissemination

• Dissemination is a separate obligation (e.g. through scientific articles and conferences)







Communication and dissemination

See article 29 of the GA European Union / S2R support shall be highlighted

- JU logo and the EU emblem to be displayed
- Disclaimer to be added on any communication (publicity reflects the author's view and the JU is not liable of any use ...)
- Right for the S2R JU to publish information on the project
 - The consortium shall ensure that all necessary authorisations for such publications have been obtained
- Confidentiality:
 - During the project and for a period of 5 years after completion





Communication and dissemination

- <u>Inform the JU PM and communication unit</u> of any participation in conferences/events, new videos, dissemination action, etc... We can help!
- The planning of mid-term conference and final conferences <u>need to be agreed with</u> the S2R JU, so that we can have a Programme approach
 - Try already to check with your complementary project for synergies in this respect
- If you are planning to develop a project logo (non compulsory for S2R), this <u>needs to</u> contain "a Project of the S2R JU" in the logo itself
- → Please note that if the dissemination/communication actions foreseen by the Grant Agreement or requested by the S2R JU in the points above are not implemented, the S2R JU will reduce the S2R JU contribution to the project accordingly to art.29.6 of the GA (reduction can reach 100% of GA contribution)





Use of S2R label and position

Extracts from S2R Governance and Process Handbook:

Projects documents with the S2R logo can only represent a S2R position* if the following conditions are all met:

- a) There is an agreement within the Project and following the Project decisional procedure
- b) There is an agreement within the respective IP/CCA SteCo
- c) There is an official agreement from the S2R JU, through a written confirmation of the S2R ED

Similarly, any Project beneficiary or S2R Member can only officially represent a S2R position* if:

- the conditions a, b and c above are all met in case of a Project beneficiary
- the conditions b and c above are all met in case of a S2R Member

The Project Coordinator or the concerned S2R Member will need to promptly inform the S2R Programme Manager assigned to the Project or the S2R Head of R&I should such cases arise.

*List of official S2R positions available in Annex G





Thank you

imagine, together we make it...



