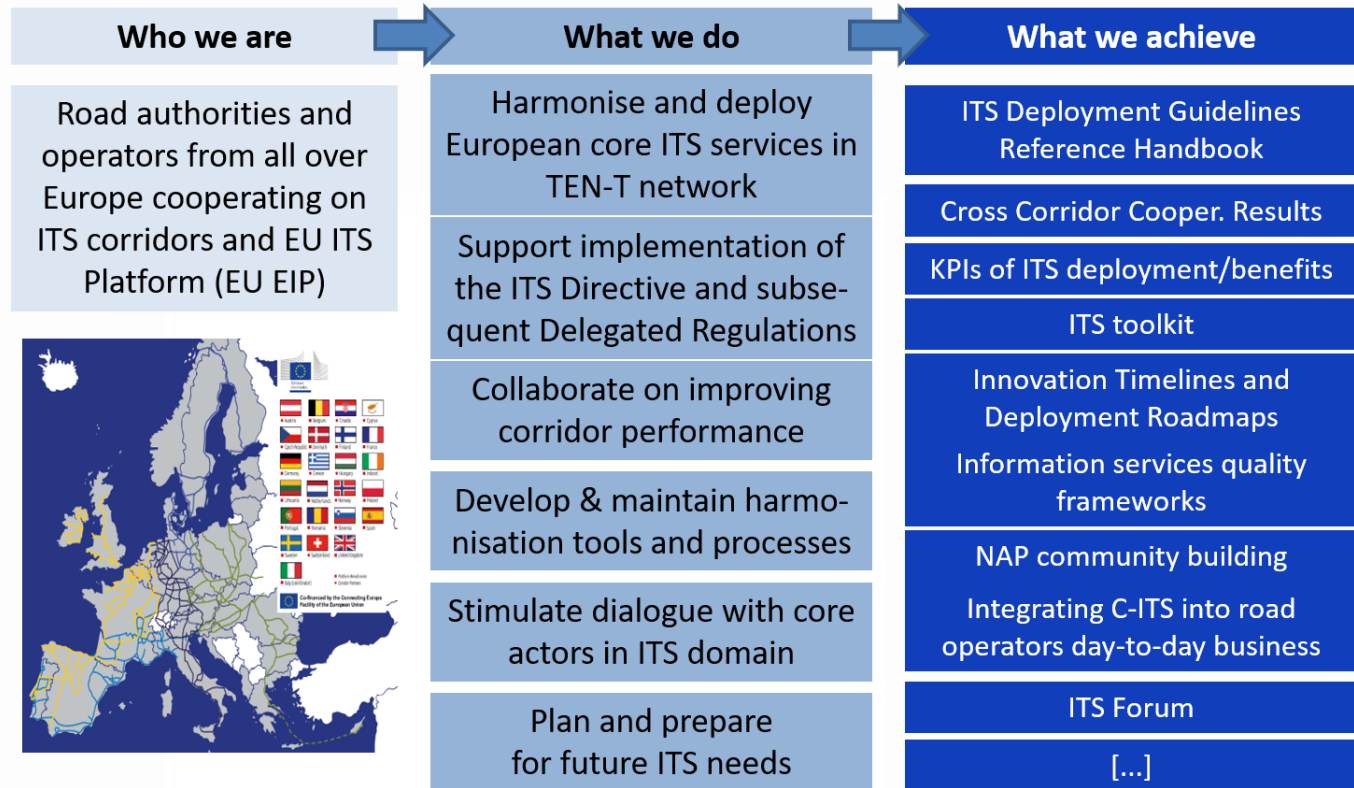


# Cooperative ITS Services Deployment Support – C-ITS Achievements

05.11.2021

# Making mobility safe, reliable and green

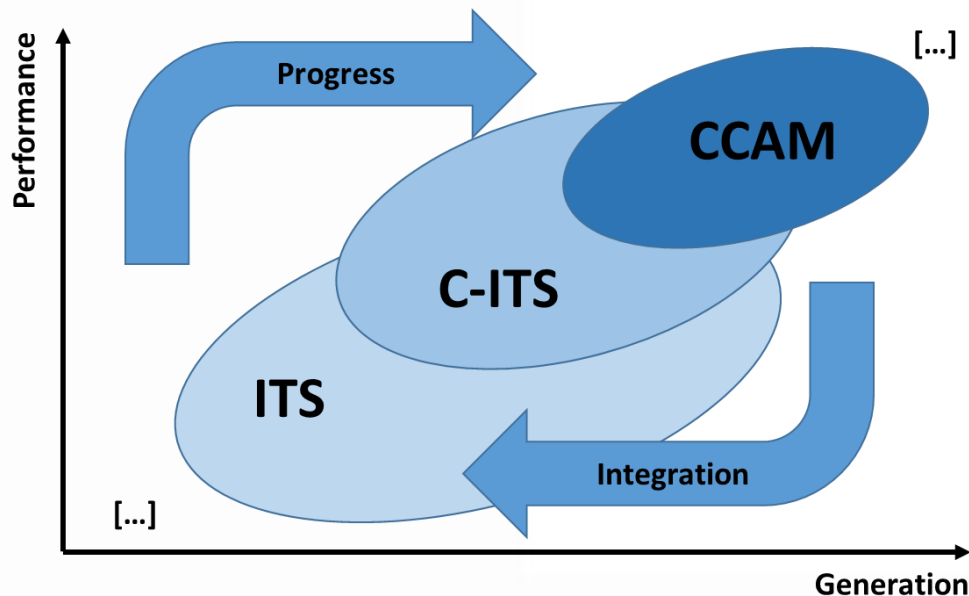


More information about results can be found: <https://www.its-platform.eu/achievement>  
<https://www.its-platform.eu/achievement/integrating-c-its-into-road-operators-day-to-day-business>

# Technology Generations Integration

## Lifecycle perspective

- ITS widely deployed
- C-ITS piloted and starting deployment / regular operation
- CCAM in R&I phase






Adapted from Sundberg (2012).

## Generations Interaction

- Progress on taking advantage of superior performance
- Integration challenge with legacy to keep and to lever performance of road operator systems

# Collaboration for harmonized development and deployment

Lifecycle phases Collaboration platforms (ex.) Generation	Pre-Development (R&I)	Pilots and (Pre-)Deployment	Regular Operation & Further Development
ITS	[past]	[past]	
C-ITS	[past]		[C-Roads operation]
CCAM		[n.a.]	[n.a.]

PROGRESS →

↑ INTEGRATION



Harmonised specification, testing and implementation of C-ITS services

Best integration of C-ITS pilots and deployments with current ITS deployment

# Release-inspired output of the C-ITS deployment support activity

**D  
R  
A  
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T**

Interoperability  
Requirements  
(D1, M41, 2017)

Implementation  
Aspects  
(D2, M42, 2018)

Future Service  
Implementation – Roles  
and Responsibilities  
(D3, M44, 2019)

Co-organisation

C-ITS Lessons learned  
Workshop 2017  
(D4, M43, 2018)

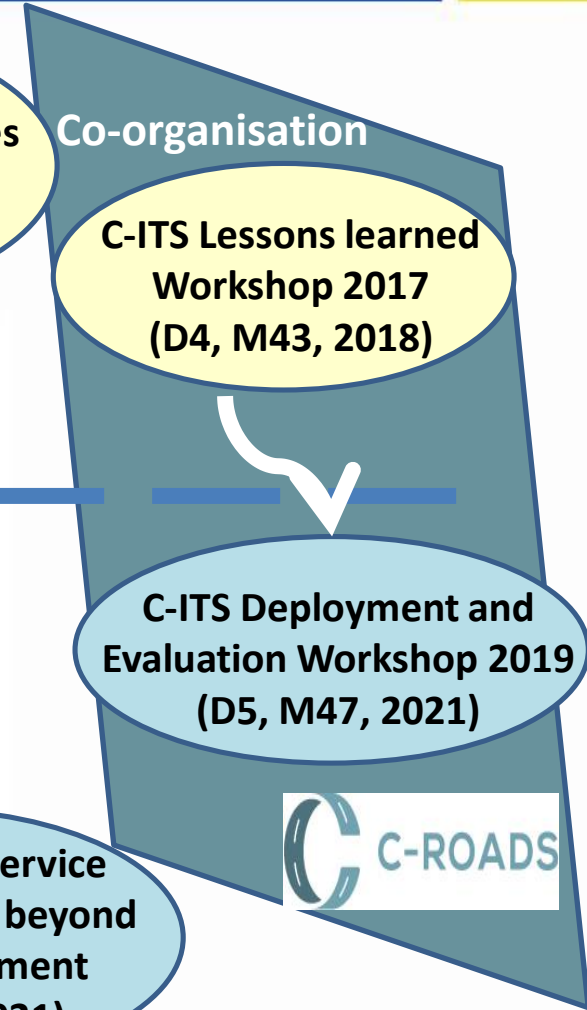
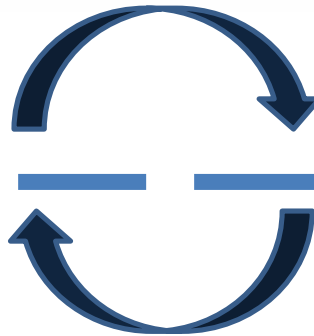
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Recommendations  
for continuation  
of C-ITS Deployment  
(D8, M48, 2021)

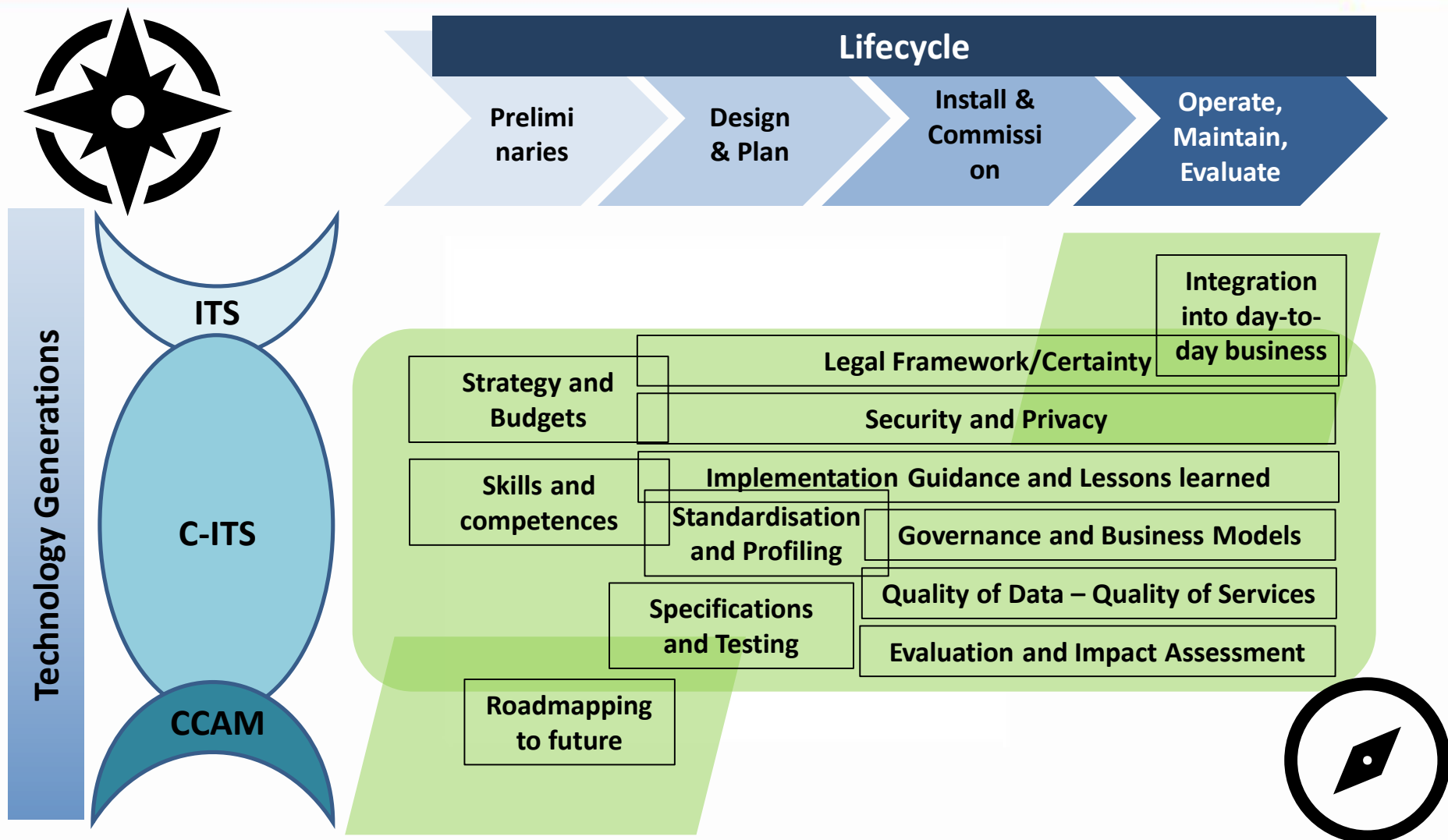
Implementation  
Guidance  
(D6, M45, 2021)

Roadmap for Service  
Implementation beyond  
Initial Deployment  
(D7, M46, 2021)

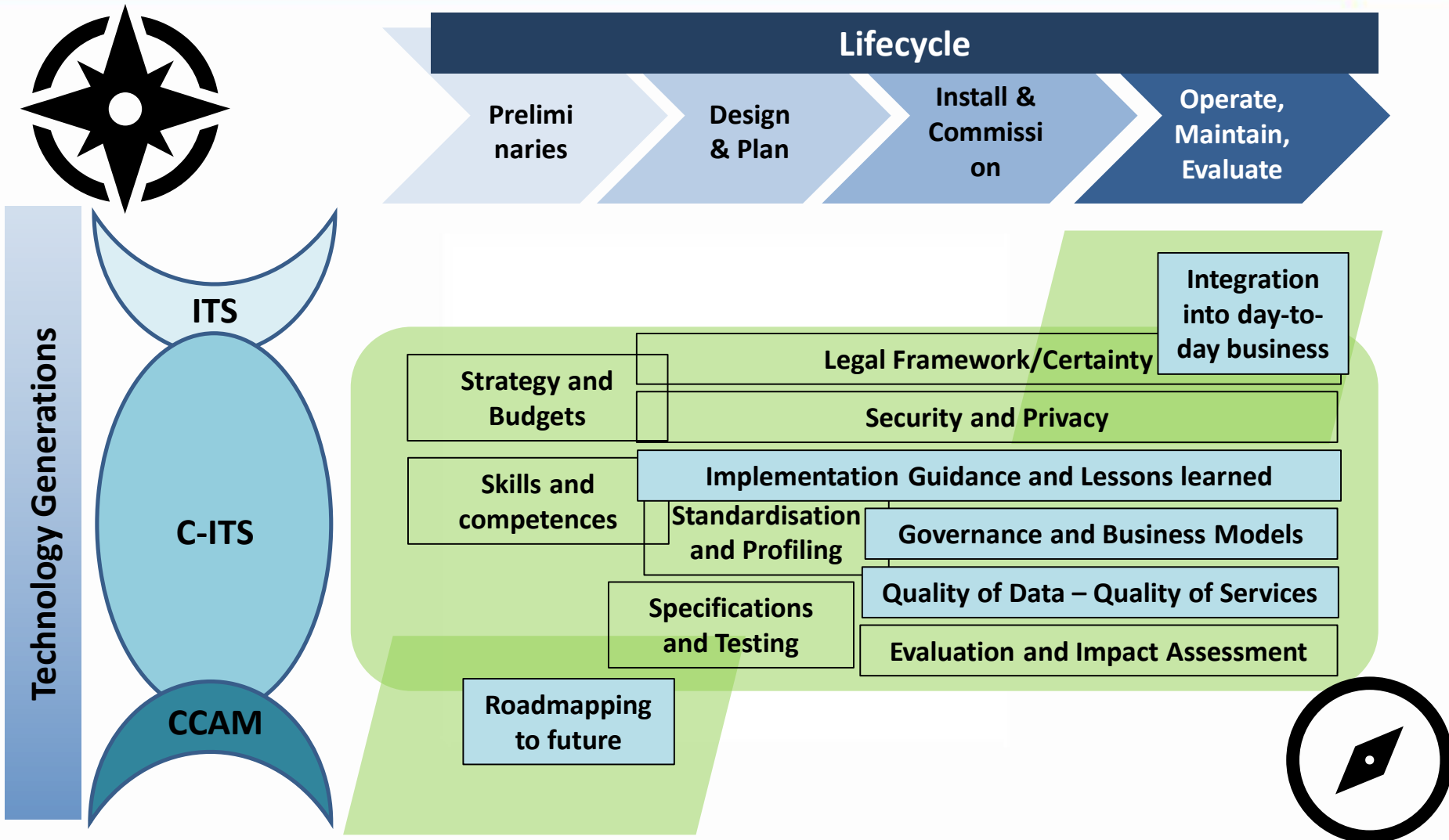
C-ITS Deployment and  
Evaluation Workshop 2019  
(D5, M47, 2021)



# Compass for recommendations



# Compass for recommendations



# Thanks for your Attention

## Questions?!

Federal Highway Research Institute



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