What is CAPITAL

CAPITAL is a project funded by the European Commission

The aim of CAPITAL is to deliver a collaborative capacity-building programme for the public and private sectors in the field of (Cooperative) ITS deployment.
Why capacity building on ITS and C-ITS
Identification of capacity needs

Main areas of interest (for training)

- I am not interested in a training: 6.84%
- Relevant technologies and standards: 52.14%
- Procurement models: 12.82%
- Business models: 44.44%
- Legal issues: 24.79%
- Best-practice cases: 63.25%
- Evaluation methods and cost benefit analysis of ITS services: 57.26%
- Financing and funding opportunities: 33.33%
- General introduction on the topics: 23.08%
Identification of capacity needs

Distribution of stakeholder groups

- Public administration/authority: 44%
- Transport operator/association: 17%
- Transport related service provider: 13%
- Association (e.g. ITS National), Expert in ITS/Transport Field: 17%
- Other: 9%

Regional level the organisations are working at:

- Local (e.g. community, city, municipality): 22%
- Regional (e.g. federal state): 36%
- National: 15%
- International: 26%
Identification of capacity needs

- Public authorities are the main target group
- The training programme should focus on the main priority topics, which are: “Access and Management of Data”, “C-ITS”, “Passenger Transport Services”, “Traffic Management and Network Control” and “Traveller Information Services”.
- Best-practice cases, evaluation methods and cost-benefit analysis of ITS services should be included in the training. Furthermore, training on procurement issues for innovative solutions and business-models for ITS services should be included in the CAPITAL training programme.
- A combination of easy to access and flexible online training possibilities (including online courses and webinars) and face-to-face training possibilities (as workshops and on-site visits) is needed.
How is CAPITAL filling the gap?
Assess the capacity needs and knowledge gaps

Develop a community engagement plan

Provide tools and methods to fill the capacity gaps

E-learning platform
Transferability Handbook
Face-to-face workshops

Set up a new concept for a sustainable and long term engagement
Active engagement of targeted stakeholders

- Transport operators
- Professional drivers and fleet operators
- Suppliers
- Knowledge provider
- Public authorities
- Dissemination partners
Tool #1: E-learning platform
www.its-elearning.eu

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You’ll learn
- ITS and C-ITS services for professional drivers
- How these services work
- What is needed for cooperation of C-ITS service
- ITS and C-ITS services for non-professional drivers
- How to build user acceptance of these services
- The best way of communicating the benefits of ITS a

Meet the instructor
Monica

Monica is Senior Manager at ERTICO, she has a degree in Mechanical Engineering with a specialisation in Control Automation. Before joining ERTICO she had worked in
private companies in the field of Industrial automation and ICT for public transport. She
also coordinated activities of research and innovation for the international Road
Transport Union in Brussels. With several years of work on the field Monica has developed her experience in
ITS and C-ITS through collaboration with public and private stakeholders on multimodal, ICT
platforms for mobility, routing, planning, ticketing and payment systems.
Tool #2: Deployment Transferability Handbook

- Raise awareness, promote & educate
- Elaborate CBA & business model plans
- Make an Impact assessment
- Update & implement mobility policies
- Define replication criteria, adaptation needs, implementation & operation guidance
- Assess needs & identify solutions

Initial needs and challenges
Short description of the service(s) provided
Covered area (city, region, corridors)
Business Model
Stakeholders involved
Value in use (what is the positive impact created by the deployment of this solution)
Tool #3: Face-to-face workshops

Pilots training programme across EU clusters

Italy – Mediterranean cluster
1st Generation (Turin – 10-11 October 2017)

Finland – Nordic cluster – 2nd Generation (6 February 2018)

Croatia – Central Eastern cluster
1st Generation (8-9 June 2018)

UK – Isle British cluster
2nd & 3rd Generation ITS Guidance – Train the trainee programme (October 2018)

Greece – Balkans cluster + Turkey 1st & 2nd Generation (17-18 December 2018)

The Netherlands – West Central European cluster (Benelux+Germany) – Demo – 2nd/3rd Generation (4-7 June 2019 – Eindhoven)

Brussels – 3rd Generation ITS Guidance – Train the trainee programme – Final Event EC+ all clusters (September 2019)
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Who uses the platform

“As an associate professor I am teaching ITS myself at the university, and I want to have a look at this online training platform”

“Sharing best practices about C-ITS” (A city representative)

“I am currently developing solutions for ITS in Brazil and I am looking to improve my knowledge to improve my performance.”

“I am currently working as a Traffic Officer of Signals (Programming and Data regarding the operation and control of junctions). I would love to have a better understanding of ITS and C-ITS. So I can apply to my area and be able to explain and inform others.”

“I think it’s a great initiative and I want to try it” (Representative of a Port Authority)

“This could be very useful for my work with investors” (consultant)
Set up a new concept for a sustainable and long term engagement

1. Integrate the e-learning platform, transferability handbook and workshops in a capacity building long term programme
2. Develop an exploitation and sustainability plan for the project
3. Test the concept elements and collect feedback
4. Set up a new concept for a sustainable and long term engagement
This project is funded by the European Union’s Horizon 2020 research and innovation programme under grant agreement No. 724106.

Visit us at capital-project.its-elearning.eu