PRESENTATION OF CETE SO
CENTER FOR TECHNICAL STUDIES OF SOUTH WEST
(FRENCH MINISTRY OF TRANSPORTATION AND ECOLOGY)
FRANCE – MIDI-PYRÉNÉES/AQUITAINE
(WP2 LEADER)

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FRENCH MINISTRY of ECOLOGY, SUSTAINABLE DEVELOPMENT, TRANSPORTATION and HOUSING
FRENCH MINISTRY OF TRANSPORTATION AND ECOLOGY

CENTRAL ADMINISTRATION
NATIONAL LEVEL
Transportation, Civil Aviation, Road Security, Sustainable Development, Administration, Climate Change, Housing, Risk Prevention

DECENTRALIZED SERVICES
REGIONAL LEVEL
DREAL (Environment, Housing...), DIR (Roads), CETE (Technical Studies...), SN (Maritime...)

DECENTRALIZED SERVICES
DEPARTEMENTAL LEVEL

Kick Off Meeting of THE ISSUE Project – Presentation of CETE SO
CETE : CENTER OF TECHNICAL STUDIES

IN FRANCE : 8 CETE
Divided up in 17 Laboratories and Delegations

SCOPES
Transportation Studies, Road constructions, Civil engineering, Sustainable Development issues, Geotechnics ...

WHO ARE WE ?
CETE SOUTH WEST
Delegation of Toulouse and Bordeaux Laboratory

Among all CETE SO Departments, 2 Innovation and Competences Poles participate to THE ISSUE :
• Satellite Application and Telecommunications Task Force
• Experimental Zone, Traffic Engineering and Control Laboratory
PROJECT TEAM OF THE CETE SO

Jacques BOUFFIER
Civil Engineer - Projet Manager and Main Contact of the CETE SO for THE ISSUE Satellite Application and Telecommunication Task Force

Dr. Louahdi KHOUDOUR
PhD In Computer Vision (Leading Research Degree in Mathematics)
Transportation Expert of the CETE SO, Member of the steering group for THE ISSUE
Head of Experimental Zone and Traffic Engineering and Control Laboratory

Philippe MICHOU
Civil Engineer - Experimental Zone and Traffic Engineering and Control Laboratory

Jean-Philippe MECHIN
Civil Engineer - Satellite Application and Telecommunication Task Force

Marie-Reine BAKRY
Senior Civil Engineer – Expert Consultant

Didier TREINSOUTROT
Managing Director of the Delegation of Toulouse
CURRENT RESEARCH OF CETE SO IN AREAS RELEVANT TO THE MAIN TOPICS OF THE ISSUE

ACTORS IDENTIFICATION AND NETWORKING:
Participation to the Organisation of the Toulouse Space Show (2010, 2012, ...)
Participation to the Organisation of the ITS world Congress of Bordeaux 2015

PROJECTS linked with ITS, Satellite Applications, Congestions, Health, Environment

- SERPE : Capture of Road Events on Onboard Terminals
- DYNAMIC CARTOGRAPHY : Building of cartographies from Onboard Terminals
- EASYWAY : efficient platform that allows European mobility stakeholder to achieve a coordinated deployment of ITS European services (Traffic Management services, Traveller Information Services...)
- COVEL : Cooperative Vehicle Localization for Efficient Urban Mobility (development of a lane positioning Assistant)
- SCOREF : Experimentation of cooperative roads systems
- ...

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THE EXPERTISE RELEVANT TO THE ISSUE THAT THE CETE SO IS BRINGING TO THE ISSUE PROJECT

CETE SO
Institutional vision, Links with publics strategies actors, knowledge of the main regional Actors, member of main clusters of Midi-Pyrénées/Aquitaine in ITS areas: Aérospace Valley and TOPOS

SATELLITE APPLICATION TASK FORCE: Experts in Satellite Applications

MINISTRY SERVICES NEEDS
(Ecology, Sustainable Development, Transportation...)

SATELLITE APPLICATION WORLD
(Laboratories, Industries, SMEs...)

Satellite Application Task Force

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Présent pour l'avenir

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THE EXPERTISE RELEVANT TO THE ISSUE THAT THE CETE SO IS BRINGING TO THE ISSUE PROJECT

EXPERIMENTAL ZONE AND TRAFFIC ENGINEERING AND CONTROL LABORATORY

Measurement and analysis of the technical performances of a mobility support system,

Transport engineering for the measurement and analysis of the impact of the implementation of a measure or of a system in terms of mobility (sharing or modal shift, traffic conditions and safety)

Socio-economical for the impact analysis in terms of energy consumption, and environmental (air quality and noise) and societal impacts

...
OBJECTIVES OF THE ISSUE CONSIDERED AS HIGH PRIORITY FOR THE CETE SO

PUBLIC SERVICE APPROACH

Scientific/Technological Objective 5
Transfer Computer Intelligence Technology to operational users

Scientific/Technological Objective 1
Coordinate RTD action between regions

Economic Objective 3
Deliver innovative Solutions to traffic management Operations
OBJECTIVES OF THE ISSUE CONSIDERED AS HIGH PRIORITY FOR THE CETE SO

Keep a strong implication with the research and innovation domains, in the framework of the R&D projects on the national and international levels.

Build upon the acquired experience to produce new methodology, improve the existing methods using the already performed evaluations.

Establish the ICP* as a specialist for the evaluation of new ITS systems.

Establish the ICP as a true privileged interlocutor of the CETEs for assistance and expertise to public authorities and to public transport operators in the domain of evaluation.

*ICP : Innovation and Competencies Pole
THANKS FOR YOUR ATTENTION