Welcoming words from IFSTTAR

Serge Piperno,
Scientific Director, IFSTTAR
IFSTTAR - Key figures

- Staff: 1120 employees (~350 PhD students)
- Annual budget: 106 M€
- Each year: 400 scientific publications,
  ~100 PhD defended
- 80 patents, 150 research projects
  (~50 European projects)
IFSTTAR - Fields / domains

- Civil engineering and building materials
- Natural hazards (characterization and impacts)
- People and goods mobility
- Safe transport systems
- Impacts of transport systems
IFSTTAR - Organization

Five scientific departments

- MAST: Materials and Structures
- GERS: Geotechnics, Geosciences, Natural Hazards
- COSYS: Components and systems
- TS2: Transport, Health, Safety
- AME: Spatial Planning, Mobility & Environment
Why do we need R5G?
- Bad image associated to road transport and construction
- Introducing existing innovations in the road field
- Need for technological transfers

Project ambitions:
- a flexible road
- a cooperative road
- an environment friendly road
- an acceptable road

R5G is a multipurpose solution
Infrastructures for (sub)urban structured or local networks

Workplan
The goal: To design and realize full scale demonstrators
2010-2014: R5G components demonstrator
2014-2018: tests of subsystems
2020: R5G full demonstrator
IFSTTAR – a worldwide role

- Bilateral research programs
- Transfer of knowledge
  - Major actor in international dedicated networks
  - Expertise
- Member of normative and regulatory working groups
- Worldwide strategy support for SME’s
- Dissemination of scientific knowledge and researcher mobility
- Partnership in the worldwide policy of others French research institute and Universities
Welcome again!