

AASHTO – IDRRIM meeting

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What about IDRRIM :

- ▶ **Reference Partnership Institute** for the community of **public - private** actors **working for a shared interest** :

« **infrastructures and urban public space** »

- ▶ **Place of convergence and exchanges** for thinkings and actions in order to establish and share a new basis of standards, as doctrine, norms, good practices, technical rulings, recommandations, methodological tools, aso

Objectives : bring homogeneous answers, in sustainable développement context, to technical and strategical issues on design, building, managing, and maintenance of road, streets, and urban space



4 missions :

- **Federate and mobilize** the community of actors
- Favor establishing and broadcasting the **shared reference system**
- Contribute to **qualification** of contractors and engineering companies, and **professionalisation** of principals
- **Promote french excellence** on mobility infrastructures

IDRRIM incorporates in its work:

► The need to change the heritage infrastructure and urban areas to a sustainable design and management to optimize their use.

► Expectations of its members in relation to:

- Sustainable development and ecological competitiveness
- Accessibility territories and strengthening security
- Intelligent mobility and new technologies
- Community Needs in the field of engineering and training
- Support for innovation and experimentation
- Efficient infrastructure in a context of fiscal crisis



Key numbers

50 members (institutional organizations) representing the public and private sectors

9 Operational Committees and 10+ WG

More than 350 people mobilized

300,000 people involved in the exercise of their profession

1 website real platform for the dissemination of knowledge

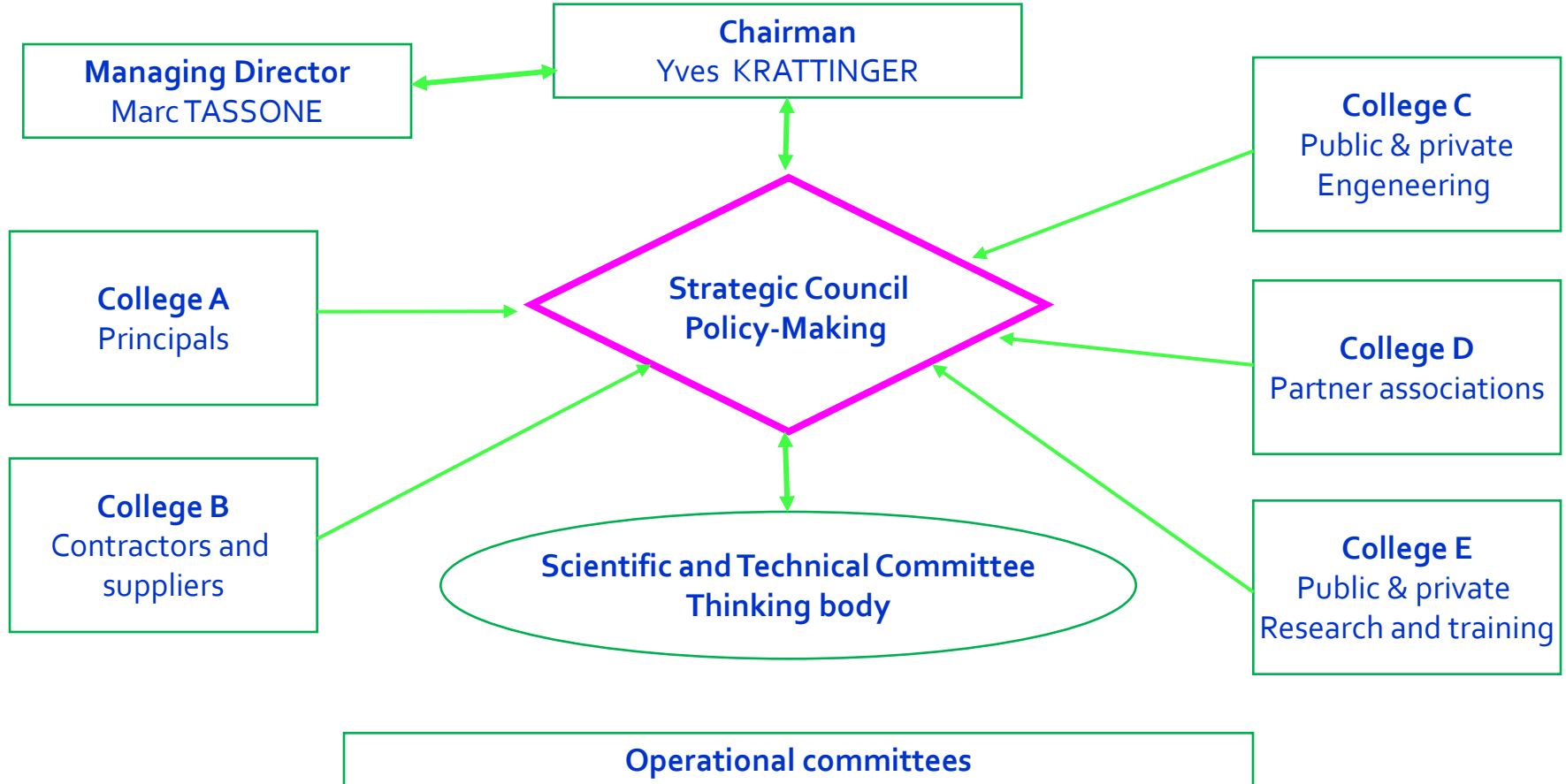
Nearly 20 publications per year and more than 200 online documents

A letter of monthly electronic newsletter (3500 + subscribers)

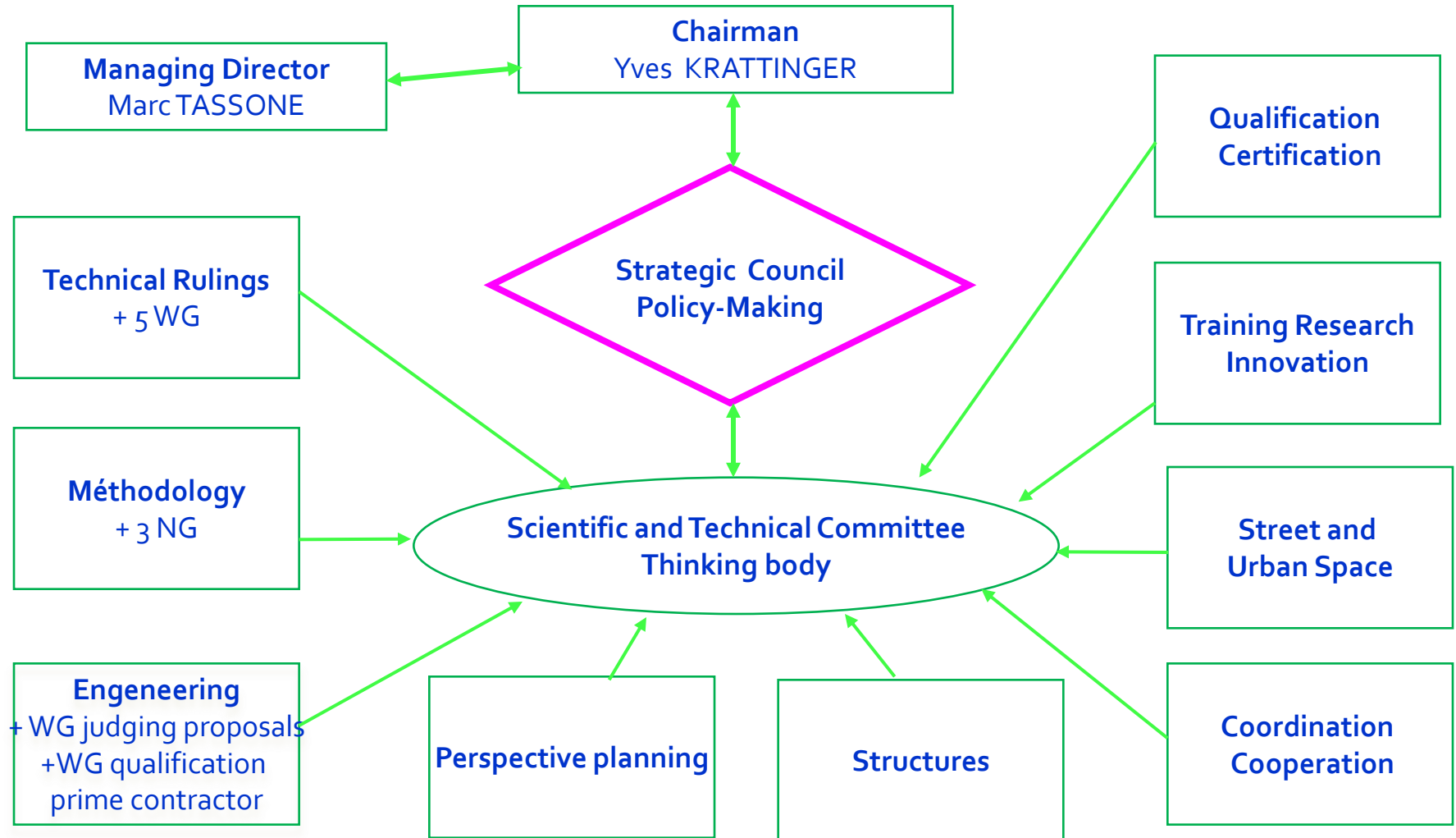
1 Biennial Congress and many events



Governance



Organization - Committees



Being a member of IDRRIM is ...

Have a coherent body of doctrine for the performance of its duties,

- Contribute to establish knowledge in the field of transport
- Knowledge sharing
- Being informed, including through the website
- Being part of a reference network
- Benefit from a range of common services organized around six areas of activity



A range of services centered around 6 expertises :

- ✓ Knowledge Generation, doctrines, shared repositories
- ✓ Contribution to the qualification of actors in each business
- ✓ Promotion and dissemination of knowledge
- ✓ technical and operational services: Advice, labels, approvals
- ✓ Innovation
- ✓ Technical and Regulatory Monitoring, Forecasting



Operating comitees : some examples of recent works and 2014 perspectives



Two reports recently submitted to Ministers (Ecology and Transport ; Economy)

- > **January 2013:** "Preservation and development of technical skills in the field of mobility infrastructures in ministry offices: a major issue for the support of innovation and competitiveness of the nation"
- > **October 2013:** "The measures to support innovation in the field of mobility infrastructures in France": Status and 21 proposals to improve existing devices and imagine other tracks



Technical advices

- **Eco-Comparators: One of the commitments of the “voluntary agreement”**
 - Creating an ad-hoc specialized group within the committee reviews
 - 3 technical advice on eco-comparator SEVE (USIRF) ECORCE(IFSTTAR) and VARIWAYS (EGIS) highly anticipated, granted and published in July 2013
- **Information Notes:**
 - N° 26: Materials for recycling asphalt production facilities
 - N° 24: Assistance in choosing aggregates for roads based on European standards
 - N° 25: The control equipment binder spreading fixed bench
- **Many technical advice on methods or processes**
 - FTF SOMTUBE 850 D20 (AFITEX) - JOINT ASSETS (SACER) - DRAINCOTEX (AFITEX) ...



Methodology

- **Technical Guides including:**

- On the pavement evenness: taking into account the new standards
- On warm mix: high expectations of principals and environmental impact

Also: Grip Guide; Concrete roundabouts; Pavement with low traffic; Medium and high recycling rates ...

- **Information Note No. 27** "Responsibilities of owners and necessary implementations during milling, demolition, recycling or reuse of asphalt", based on the work of the Committee national Steering: problematic health workers (asbestos, PAHs)



Engineering

- **IDRRIM sheets for principals in their project management : “Help in choosing the prime contractor”** (preparing and judgment offers in engineering contracts)

How to prepare a prime contractor procurement ?

What procedure to retain for those procurements ?

How to choose the candidates ?

How to choose the best deal ?

How to identify and treat an abnormally low cost offer ?

Procurement group

- **Sheet for Principals assistance :** How to use the qualification certificates with full legal certainty in public engineering procurements ?



Structures engineering

- Development of specifications for minimum qualification required for an inspector of structures
- standard specifications in bridges inspections procurements
- Labeling technical guides in repairing of masonry structures
- Thinking about how to alert the authorities on the role of “structures engineering” in public education



Qualification-Certification

- Development of a "repository for labeling measuring devices" to enable verification of the ability of a device to respond to the need
- Laboroute (IDRRIM Labeling) : 81 accredited laboratories
- Campaign crossover trials



G2IDD Group

Infrastructure Incorporating Sustainable Development

- Identify all existing approaches in member organizations IDRRIM: communities, government departments, private engineering firms, Technical and scientific french Network, public institutions, ...
- Development of an online table for immediate viewing approaches based on search criteria: design, new construction, maintenance, management, roads, railways, ports, etc ...



2013 events

- > On March 20, 2013: Balance 2009-2013 CEV + Conference on Road 5th generation
- > On Oct 1, 2013: Conference "Roads & Streets: First Social Network"!
- > The October 23, 2013: Conference on "Why and how to support innovation in the field of transport infrastructure?"
- > On November 19, 2013: Award Ceremony 2013 "Infrastructure for Mobility and Biodiversity" on November 19 Mayors and CL
- > Many techniques seminars in France (road heritage, CEV and protection of biodiversity, ...)



2014 Events

- **OPTIMA Seminar April 16, 2014 under the Transport Research Arena to PARIS**
- **2nd Congress IDRRIM from 7 to 9 October 2014 in Lyon Eurexpo in conjunction with the Tradeshow INTERROUTE & CITY**
- **5th edition of the "infrastructure for mobility and Biodiversity" Awards**
- **Many events partners find on our website : www.idrrim.com**



IDRRIM CONGRESS 2014 - INTERROUTE & CITY

"The user at the heart of sustainable and innovative infrastructure networks"

➤ Opening session " how to support innovation"

➤ 7 technical sessions:

- Users, infrastructures, social networks and intelligent mobility
- Sustainable and innovative infrastructure
- Roads, pavements and structures: methods and management techniques and optimized maintenance
- Accessibility and universal routes
- Road safety and user
- Invisible works, acceptability and Users
- The user, partner of Winter Road

