

BOUYGUES

# BOUYGUES Group

Vienna Economic Talks-Sofia Meeting  
« Environmental Economy for Green Bulgaria »  
INFRASTRUCTURES PROJECTS Challenges for  
the Environment and the Private Sector

1

Konrad Eckenschwiller-VET 25-26 April 2010  
Sofia, Bulgaria

## INFRASTRUCTURES and ENVIRONMENT

- Environment
- Sustainable development
- Reduction of inequalities
- Connecting people and territories

## CONNECTING = LINKS

(being poor = being isolated)

- Links = equal opportunities (health, education...)  
dialogue (peace >> joining E.U.)  
  
+ capacity building

## LINKS

- INFRASTRUCTURES :
  - Housing, Hospitals, Universities...
  - Transports : capillarity (roads, waterways, bridges...)  
(being poor = being isolated)
- COMMON GOODS (J.M.Keynes)

## INFRASTRUCTURES 2010 ## Infrastructures 1980

- Energy incl. Efficiency, savings, CO<sub>2</sub> ...
- Waste incl. recycling, biodiversity, landfill...
- Noise
- Renovation (to save money, energy, natural resources...)

## ENVIRONMENT Example : 64 000 m<sup>2</sup> Building Renovation (Headquarters Bouygues)

	1988	2014
• Energy Kwh/m <sup>2</sup> /year	310	25
• CO <sub>2</sub> Kg/m <sup>2</sup> /year	22	2
• City water consumption m <sup>3</sup> /year	59 000	25 000

(+25 000 m<sup>2</sup> photovoltaic panels = 2 600 Mwh/year)

## ENVIRONMENT Example : RECYCLING for ROADS (COLAS)

- Roads : 15 % new  
85 % repair/maintenance
- Up to 50 % material with recycling (asphalt, debris...)
- 2009 worldwide recycling = 30 quarries >>biodiversity, energy, landfill, money...

## ENVIRONMENT and PPPs

- Innovation : tailor made solutions
- Private entrepreneur : savings in energy, regular maintenance, natural resources, money,...
- Preferred bidder
- Leading role of public decision maker
- Presentation Vienna Economic Forum in Vienna Nov.9, 2009



**BOUYGUES**

## **INFRASTRUCTURES and ENVIRONMENT**

**BOUYGUES Group : « Yes, we can »**