Voluntary agreement for sustainable development between road industry companies and French Ministry of Ecology, Energy and Sustainable Development

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A strong commitment of road industry companies and earth moving companies in relation to sustainable development

Convention volontaire des acteurs de conception, réalisation et maintenance des infrastructures routières, voirie et espace public urbain
9 commitments:

1. Preserve unrenewable resources
2. Preserve biodiversity and natural environments
3. Reduce greenhouse gas/carbon dioxide emissions and energy consumption
4. Reduce water consumption on earth moving sites
5. Increase environmental performance of contractors and road network and urban public space
6. Increase safety of users, residents workers of construction sites
7. Create conditions of a true environmental competitiveness with all actors:
   - By participating in development of research and innovation
   - By creating the conditions of a new mode of technical partnership
8. Promote the goals of this act of commitment
9. Follow and assess this act of commitment
ROAD INDUSTRY NEEDS EQUIPMENT CONSTRUCTORS TO REACH THE GOALS FORESEEN IN THIS ACT:

1 - Preserve unrenewable resources

3 - Reduce greenhouse gas/carbon dioxide emissions and energy consumption

5 - Increase environmental performance of contractors and road network and urban public space

7 - Create conditions of a true environmental competitiveness with all actors:
Preserve unrenewable resources

Reach 100 % recycling roads

⇒ To 2012, road industry companies get involved to reach a percentage of aggregates recycled in mixing plants from 20 % nowadays to 60 %.
Reduce greenhouse gas / carbon dioxide emissions

⇒ To 2020, road industry contractors get involved to reduce greenhouse gas emissions of 33 %;

⇒ To 2012, they wish to reduce carbon dioxide emissions of 10 % thanks to progress on transport, mixing plants and bituminous products.
Recycling in situ
Reduce greenhouse gas / carbon dioxide emissions

To 2020, road industry contractors get involved to reduce greenhouse gas emissions of 33%;

To 2012, they wish to reduce carbon dioxide emissions of 10% thanks to progress on transport, mixing plants and bituminous products: warm mix asphalt or cold mix asphalt.
Increase road industry contractors’ environmental performance:

- A special software for every contractor to compare environmental techniques and basic techniques

- 3 indicators (consumed energy, carbon dioxide emissions and preservation of the natural unrenewable resources);
- Based on the Life Cycle Analysis of the technique defined in the contracts;
- Nowadays in test, ready in june.
Create conditions of a true environmental competitiveness

Set-up of a platform for joint partnerships

Creation of a French Road and Facilities of Transport Institute.
Thanks for your attention