

# Role of infrastructure and engineering in climate action

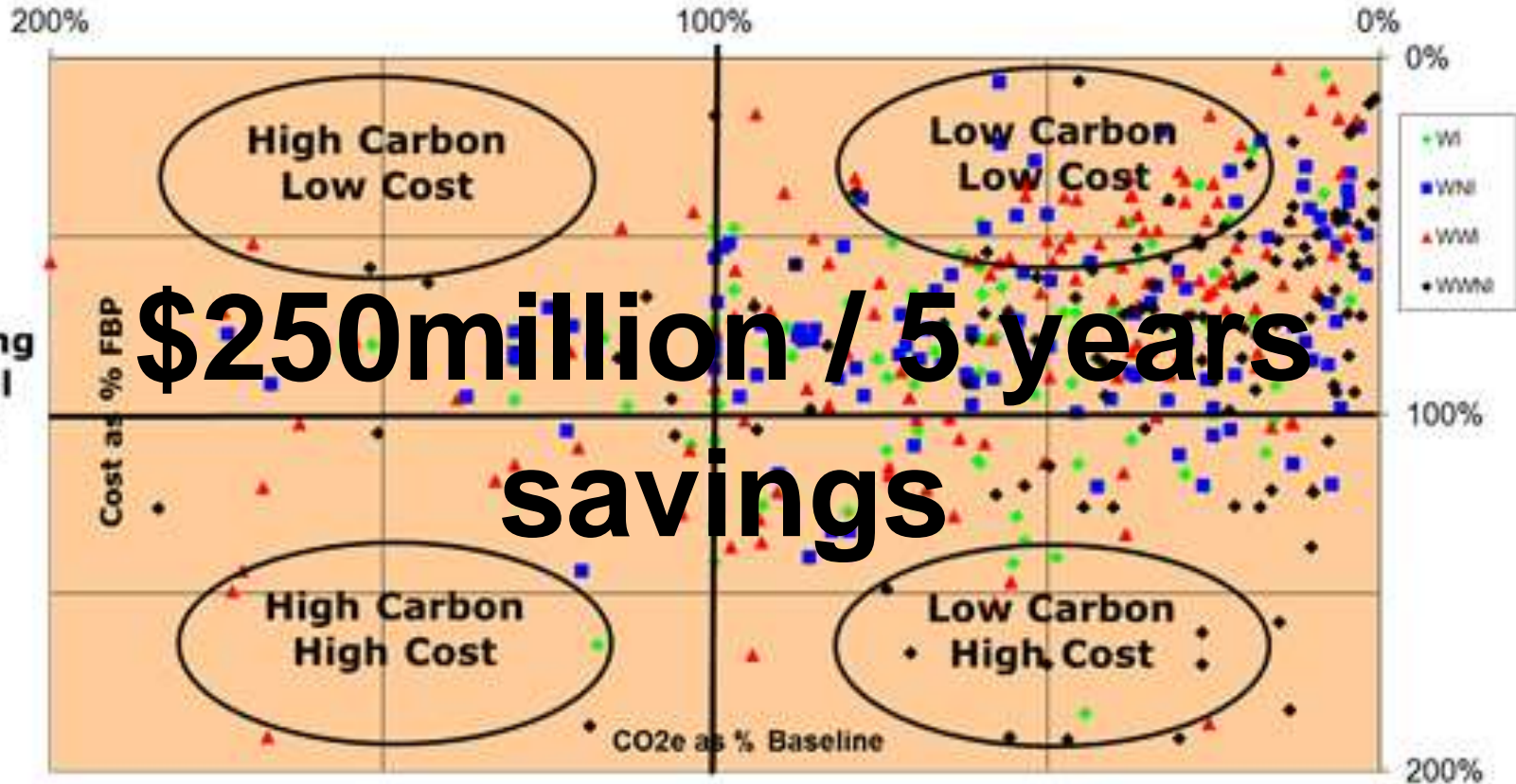
## **Davide Stronati**

Mott MacDonald, Global sustainability leader

World Federation Engineering Organisations,  
Executive Council; Chair of the Committee on  
Engineering and the Environment



# Cost and Carbon change from Baseline



**\$250million / 5 years savings**

**Reducing Capital Carbon**



HM Treasury

## Infrastructure Carbon Review

November 2013

A large, stylized red graphic element on the right side of the slide, resembling a thick, curved shape that is partially cut off by the edge of the frame. It is composed of two main sections: a larger red section on the left and a smaller red section on the right, separated by a white vertical line that forms a semi-circle on the left side of the smaller section.

**\$2billion / year  
savings**



Fédération  
Mondiale  
des Organisations  
d'Ingénieurs



WFEO / FMOI

World  
Federation  
of Engineering  
Organisations



**International, non-governmental organization, based in Paris**

**Represents engineering profession worldwide through 100 national and supranational engineering institutions and 30 million engineers in all disciplines**

**Founded in 1968 under auspices of UNESCO - engaging with UNFCCC since 2008**

**Key objective is to advance the United Nations Sustainable Development Goals**

**Valued source of advice and guidance on policies, interests and concerns that relate to engineering and technology**

**Defines roles and responsibilities of engineers to address challenges facing society**

**Represents an international platform among nations where issues and best engineering practices are discussed and addressed**



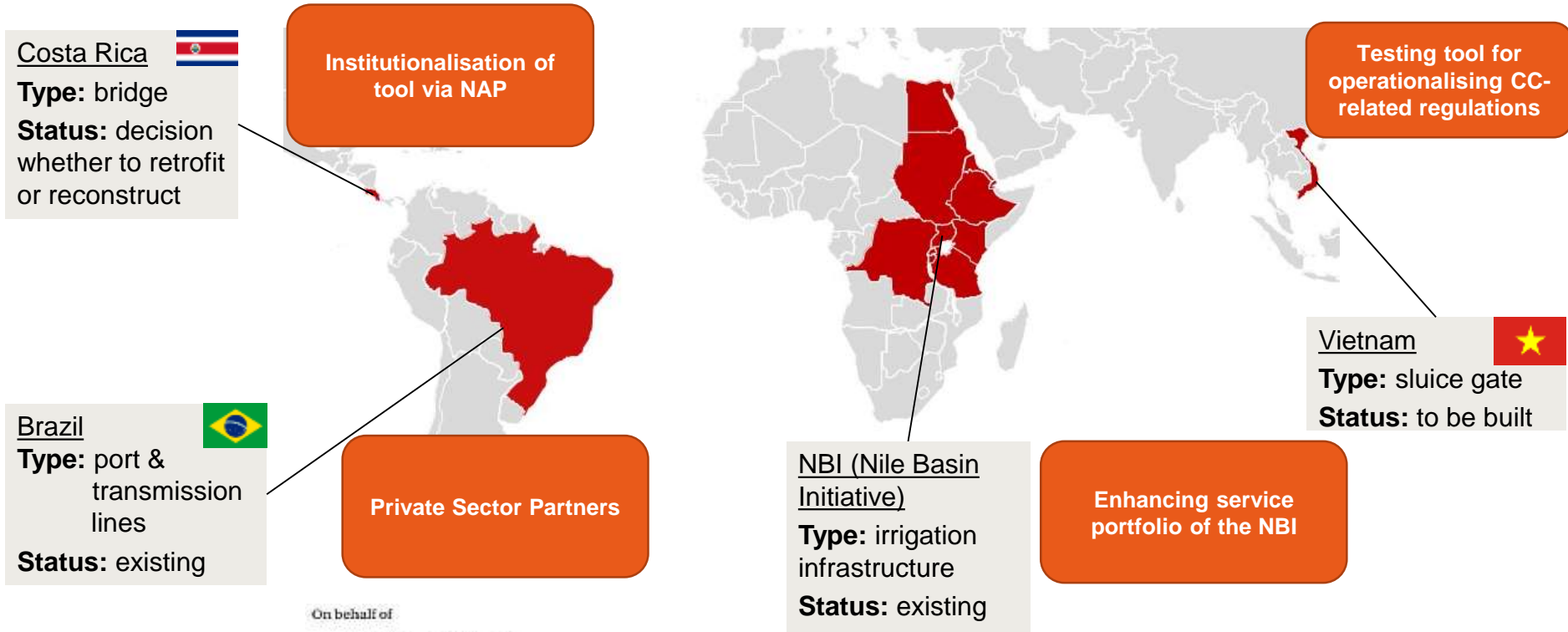
World Federation of Engineering Organizations  
Fédération Mondiale des Organisations d'Ingénieurs

## **WFEO Declaration of Climate Emergency**

1. Continue to raise awareness of the climate emergency and the urgent need for action amongst WFEO National Member Engineering Organisations and WFEO Partners, all stakeholders within the National Members and with Governments.

# Global Project Enhancing Climate Services for Infrastructure Investments

## Climate Risk Assessment for climate-risk-informed infrastructure planning



On behalf of



Federal Ministry for the Environment, Nature Conservation and Nuclear Safety

of the Federal Republic of Germany

In Cooperation with

Deutscher Wetterdienst  
Wetter und Klima aus einer Hand





Thank you

