

IPv6 is the only scalable technology to enable multiple services, interconnecting with other networks!!!!

**Bosco Eduardo Fernandes
IPv6 Task Force- SC Project
Coordinator
bosco.fernandes@nln.nl**



Time scales & role of the IPv6 TF-SC



Market take up

Mass IPv6 market

IPv6 TF-SC

Time

2002-2003

2004

2005

2006

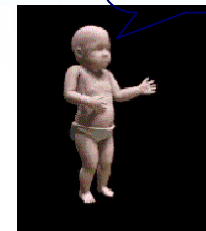
2007-2009

Opportunities and Business development in different Industry Sectors

Launch of EU National Task Forces

R&D and Awareness

It took me 9 months



9 Years



Many pieces of the puzzle are now in place



Phase beyond Research

Implementation in areas to be encouraged and monitored

- the Enterprise
- Environmental
- e-Government, e-health, e-Inclusion
- Educational and Administrative

Clear need to deploy IPv6 for general business chain support

- Appliance Vendors
- Factory automation and monitoring
- Automotive industry
- Financial service industry

The key to IPv6 operations is open access to virtually unlimited end-points



Towards the Future

Enhanced Broadband

IPv6

Embracing services and standards

Flat, simplified architecture

Services are network-agnostic



Value Added New Rich Services

The Next Generation INTERNET

- The Future INTERNET should leverage on what has been put in place for IPv6 and not reinvent the wheel.
- Flat, simplified architecture's around what exist (IPv6) is what people want to sustain high investments.
- Areas of latency improvements and some components i.e. Security, Management, TCP/IP should be given more attention.
- Encourage the integration of the "INTERNET of Things" concept.

Don't forget
me!!



Broader Challenges

- Benchmark the traffic at several points in the network and create a plan for using IPv6 in the first place.
- Set up projects to test different IPv6-driven business/economic model hypothesis for selected sectors and services.
- Impact on Policy and measures.
- Encourage IPv6 in Enterprise areas and Home networks—
i.e. FEMTO CPE with WiMAX, WiFi IPv6 enabled for >€50.-
- Take stock of industrial best practices using IPv6 and share this with other industry stakeholders and International IPv6 chapters.
- Have Governments involved right from the beginning

