

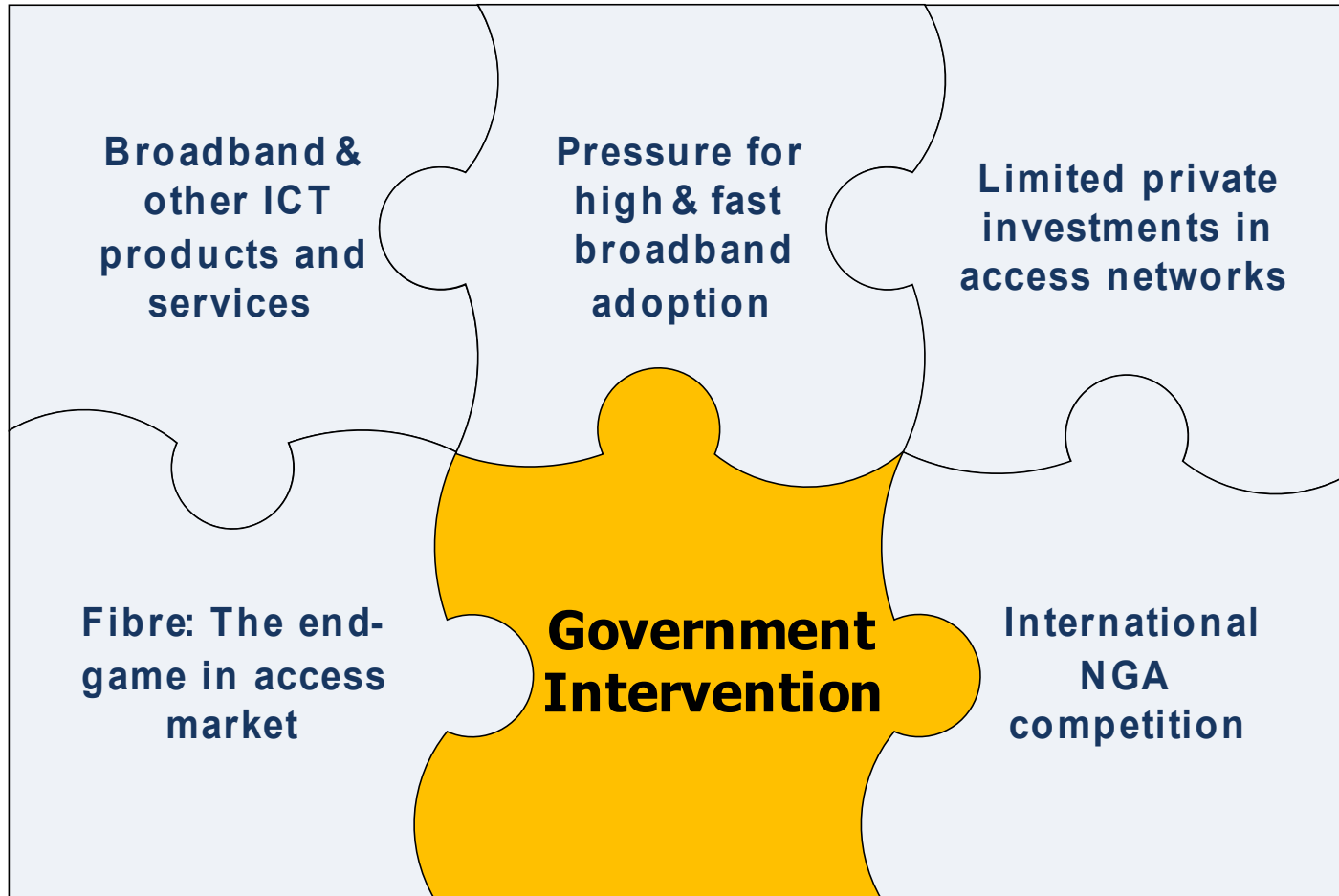
Government's Intervention in NGA: The Challenges for an Information Society for All

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Broadband Cities 2008***

Why is Government Involved in Next Generation Access?



Fibre Infrastructure Deployments

Recent International Developments (1)



□ Singapore

FTTH, Open Access

Downlink speeds up to 1Gbps

Structural separated infrastructure operator

Government funding: \$750M

Universal Service Obligation (USO)

Project Completion in 2013



□ Australia

FTTN, Open Access

Downlink speeds of at least 12Mbps

98% population coverage

Government funding: up to \$4.7bn

Project execution time: 5 years

Fibre Infrastructure Deployments

Recent International Developments (2)



▣ Finland

FTTN

Paradigm shift: government intervention

USO: 1Mbps for all by end of 2010

Plans for 2015: 99% of the population to live within a 2Km distance from an 100Mbps POP

Public funding: 67%

Estimated public investment: € 200M



▣ Greece

FTTH, Open Access

60% population coverage

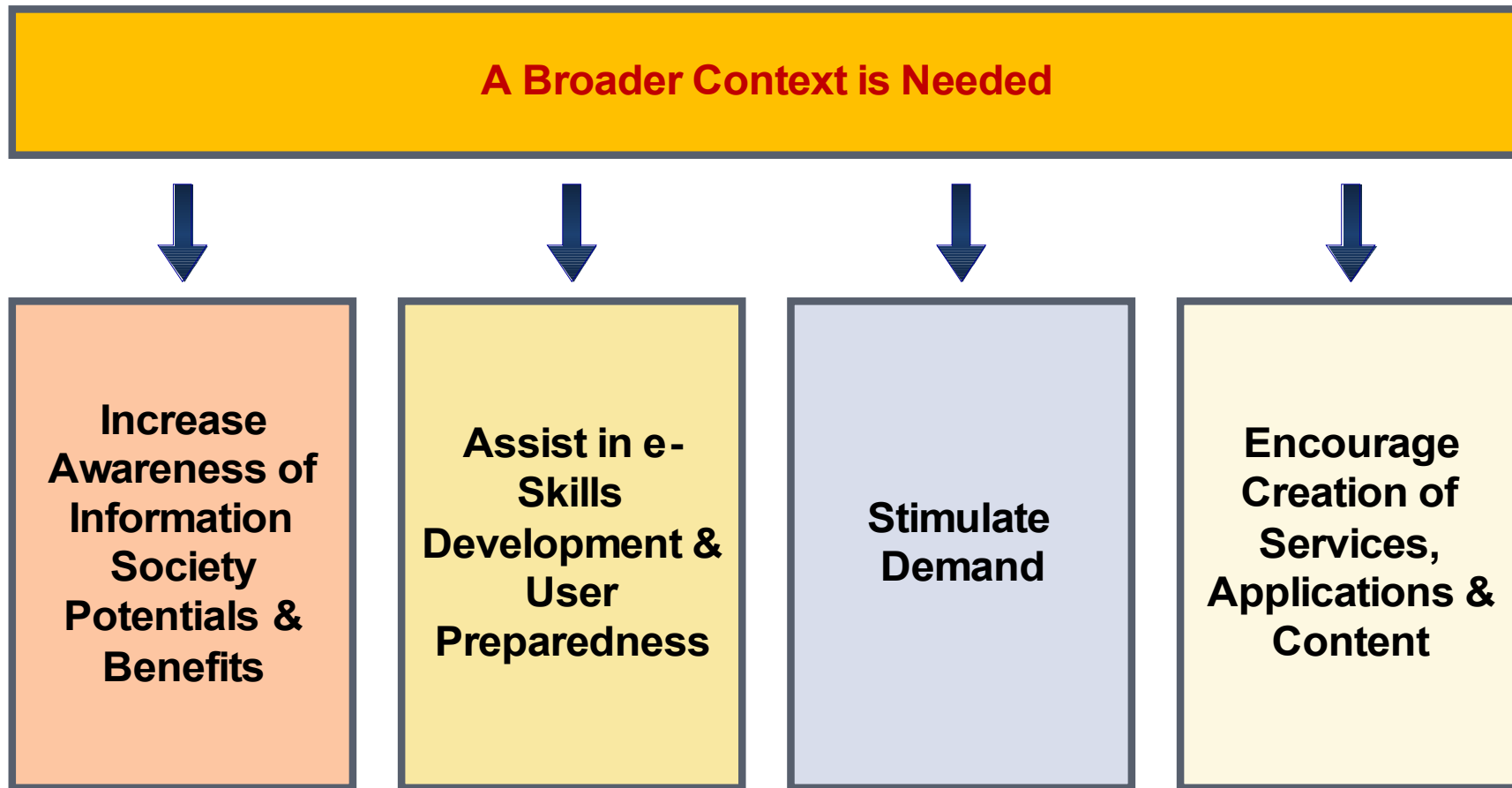
Passive infrastructure model

Government funding: up to € 700M

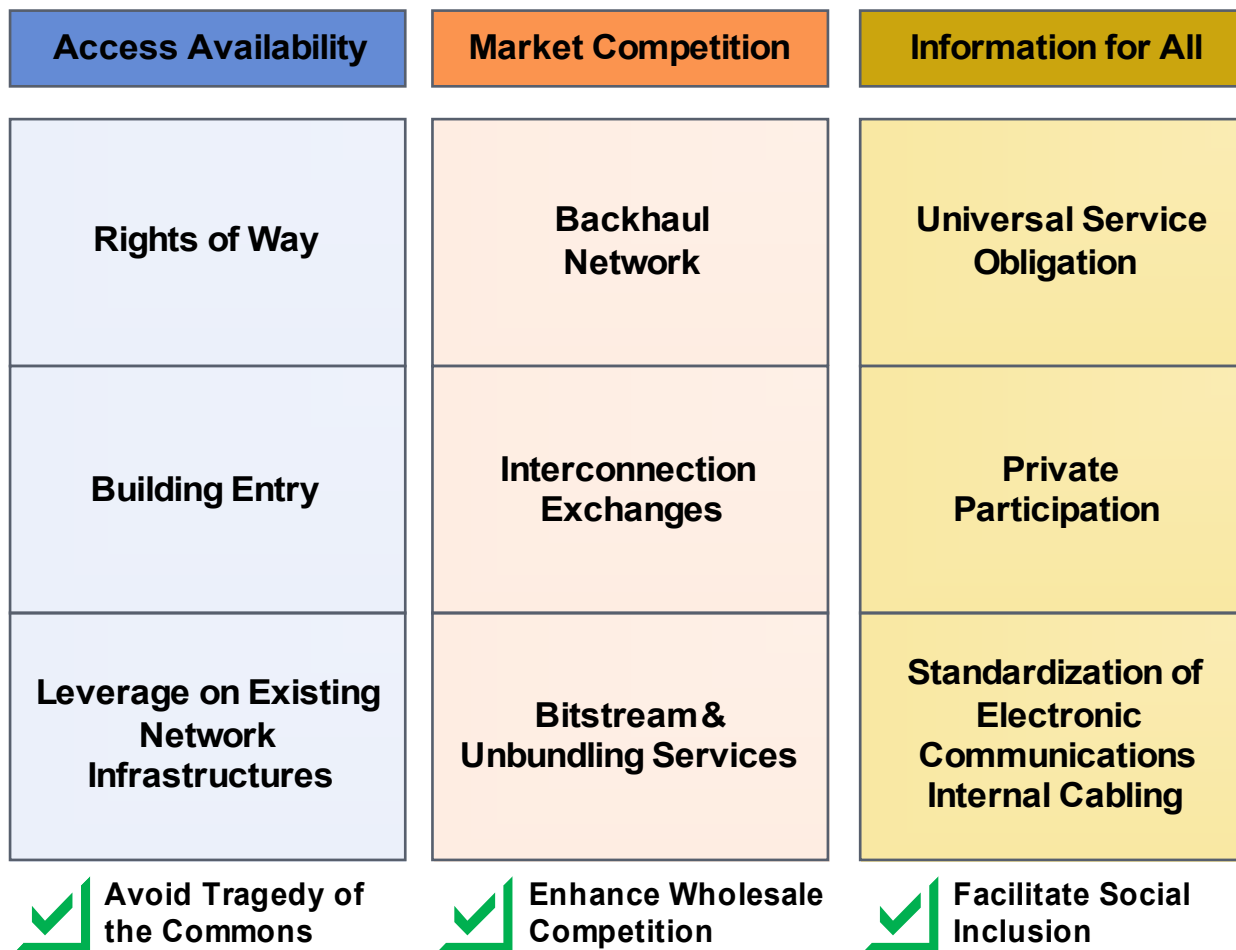
Download speeds of at least 100Mbps

Project execution period: 7 years

Balance Supply & Demand



Interventions for Competition & Society



No Information Strategy Fits All

- ❑ No single miracle strategy
 - Not at the country level
 - Not at the community level
- ❑ Information Society will be greatly affected by local economy concerns
- ❑ Broad discussions at the regional level with user participation are required
- ❑ Municipalities must assume a stronger, more participative role

The Role of Municipalities

- ❑ Adapt national policies to local needs
- ❑ Experiment: encourage innovation and provide input for national strategies



Ottawa: customer-owned fiber last mile



Manchester: campaign for greenest UK city

- ❑ Improve market monitoring and reporting
- ❑ Integrate broadband with other sectors in local economies
- ❑ Explore funding opportunities
 - European Regional Development Fund, Social Fund, Cohesion Fund

Conclusions

- ❑ Improve Social Culture towards Information Society
- ❑ Enhance and facilitate the role of municipal authorities
- ❑ Level the playing field for competition
- ❑ Coordinate broadband efforts with other sectors in local economies
- ❑ Improve monitoring and evaluation
- ❑ Plans for Social Inclusion

Thank You for Your Attention

□ Presentation is available at:

<http://www.netmode.ntua.gr>

<http://broadbandprime.blogspot.com>