



THE IMPORTANCE OF BROADBAND TO ECONOMIC AND SOCIAL DEVELOPMENT

Economic and Financial Arab Forum

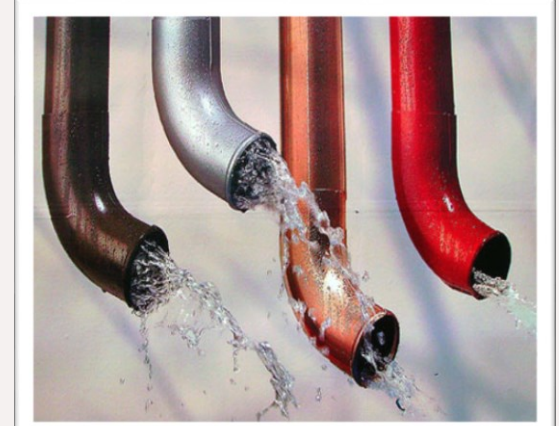
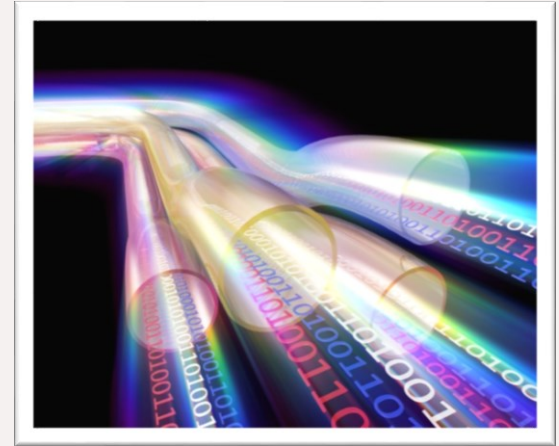
23 Nov 2014

Kuwait

Mohamed Al Ramsi

Director of Infrastructure & Standards

VITAL INFRASTRUCTURE



GENERAL REQUIREMENTS



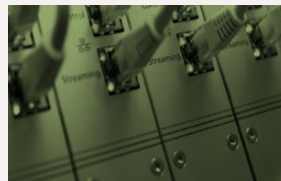
Affordable Broadband Connectivity & Services.



Policies & regulations to promote Broadband penetration and equal access to all citizens.



Everyone should be allowed to take advantage of broadband benefits.



Universal Service Fund to be extended to cover Broadband.

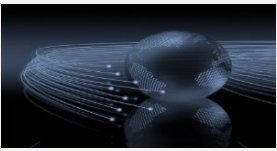
GENERAL REQUIREMENTS



Government to play a leading role in Broadband deployment.



Public-Private Partnership.



National Broadband Policies & Strategies to be developed.



Innovation in Government Services.



Infrastructure, connectivity and content.

WHY BROADBAND?

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Innovation



Economy Growth



**Global
Competitiveness**

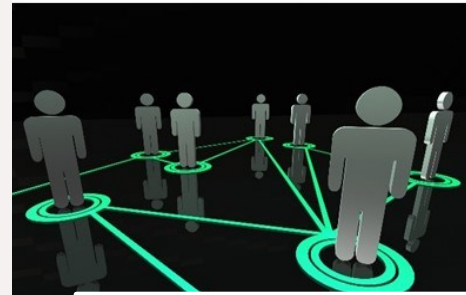


Job Creation

WHY BROADBAND



Smart Education



Social Development



Smart Health Services



New Opportunities



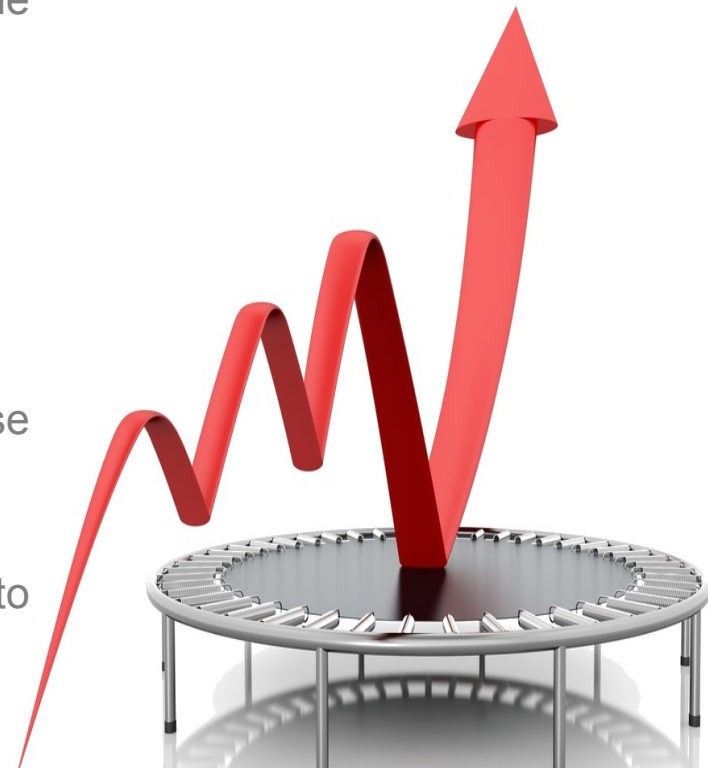
14th Annual
Broadband
WORLD FORUM 2014



ECONOMY GROWTH

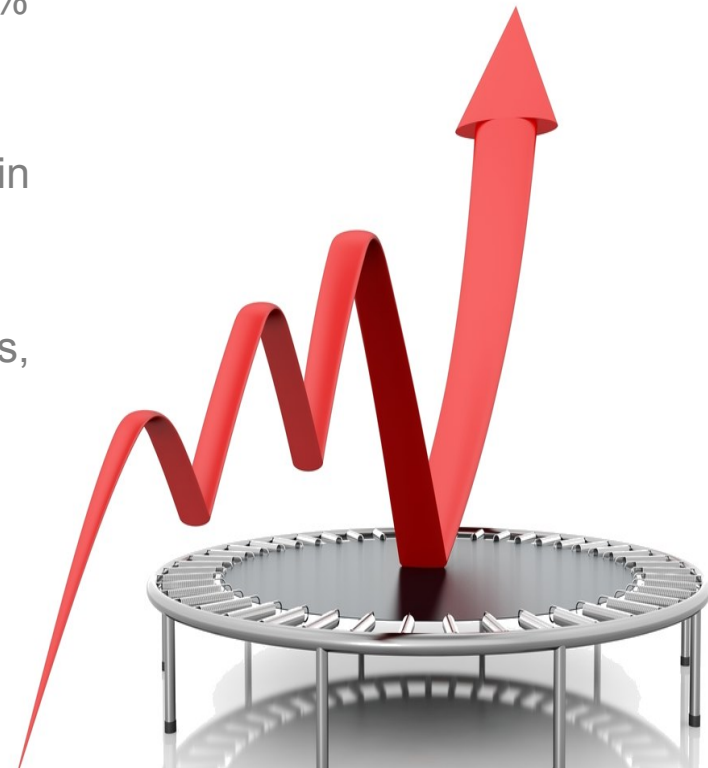
ECONOMY GROWTH

- Currently, most jobs are relying on Internet to perform the tasks and to communicate and collaborate.
- Such jobs are expected to grow by 25% by 2018.
- Broadband can boost economy by:
 - Investing in infrastructure deployment.
 - Use broadband to start business and increase productivity.
- Broadband can support economy by facilitating access to information “knowledge based community”.

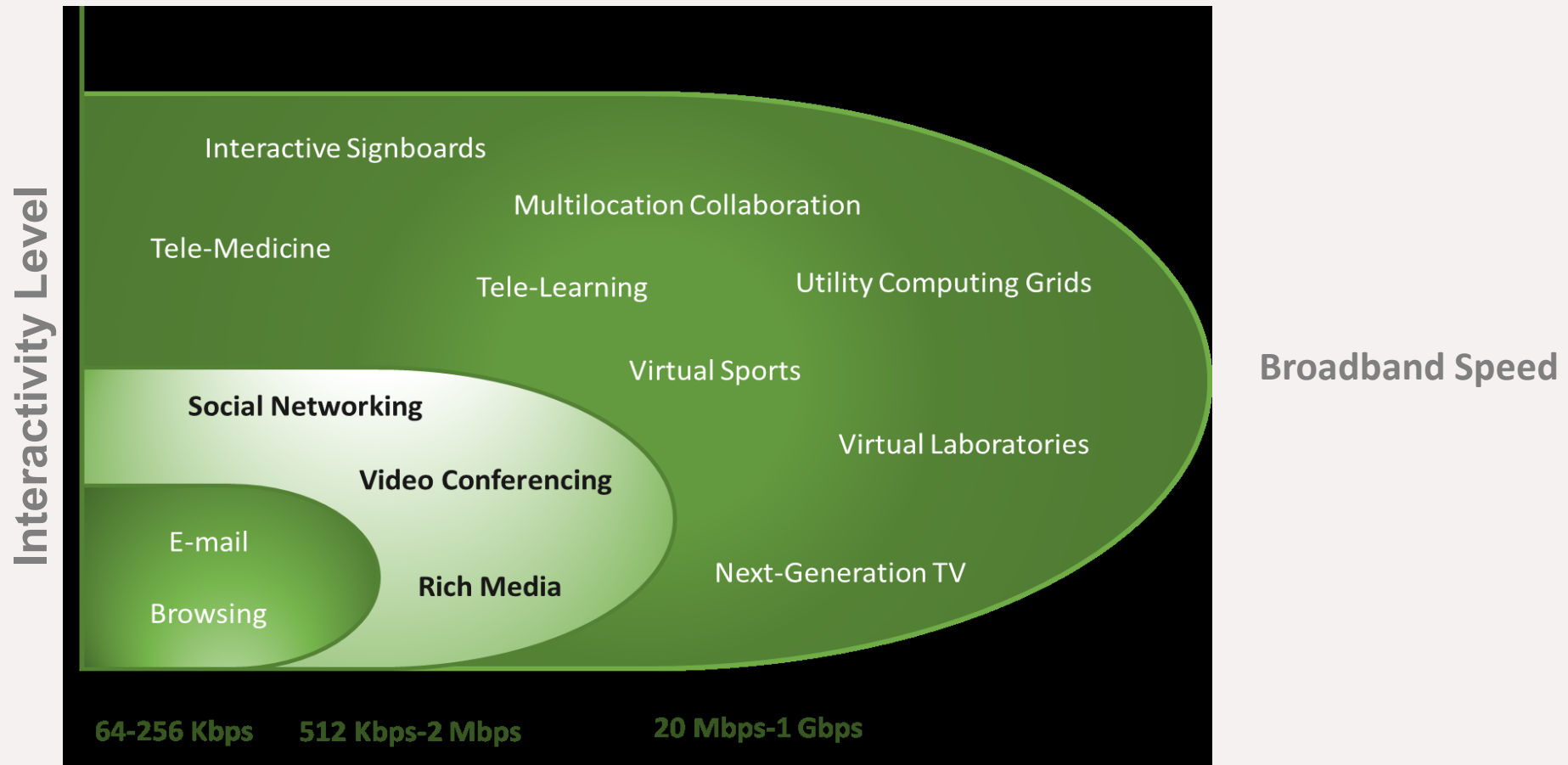


ECONOMY GROWTH

- Doubling Broadband speed can increase GDP by 0.3% on average.
- More broadband speed can also result in increase in household income.
- Broadband can grow SME's which will increase jobs, generate more revenue and efficient productivity.



ECONOMY GROWTH



ECONOMY GROWTH



Business

- Easy to start new businesses
- Efficient way to communicate and collaborate
- Enhance productivity
- Motivate Innovation



Consumers

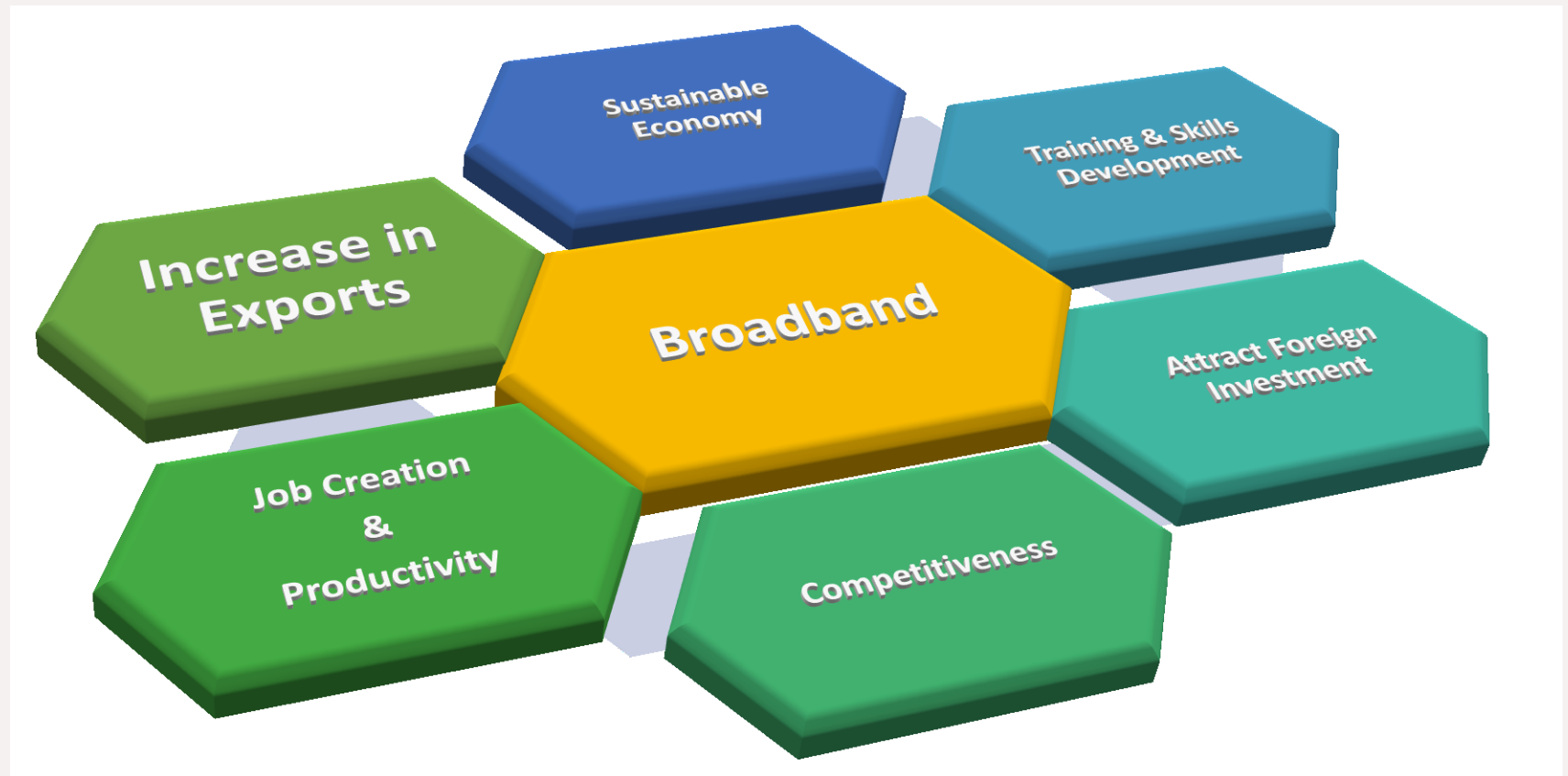
- Access to information
- Social Networking
- Easy access to services and applications



Governments

- Efficient way to provide public services
- Smart education and health services
- Innovation and competition in delivering public services

ECONOMY GROWTH

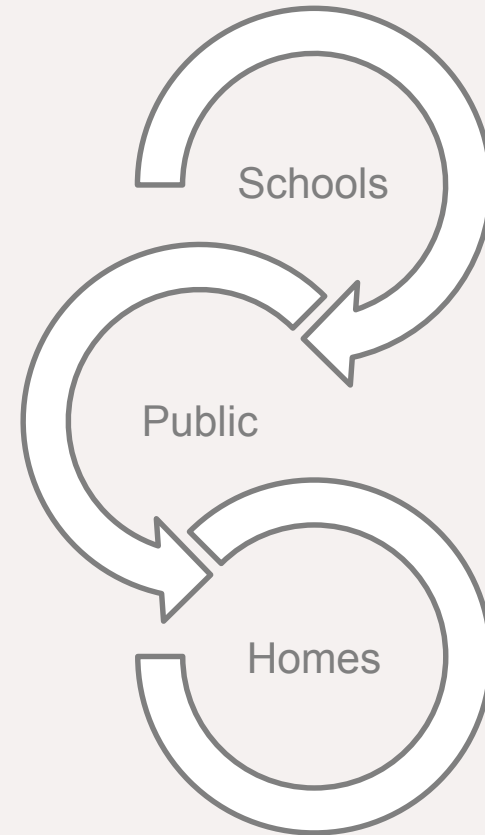
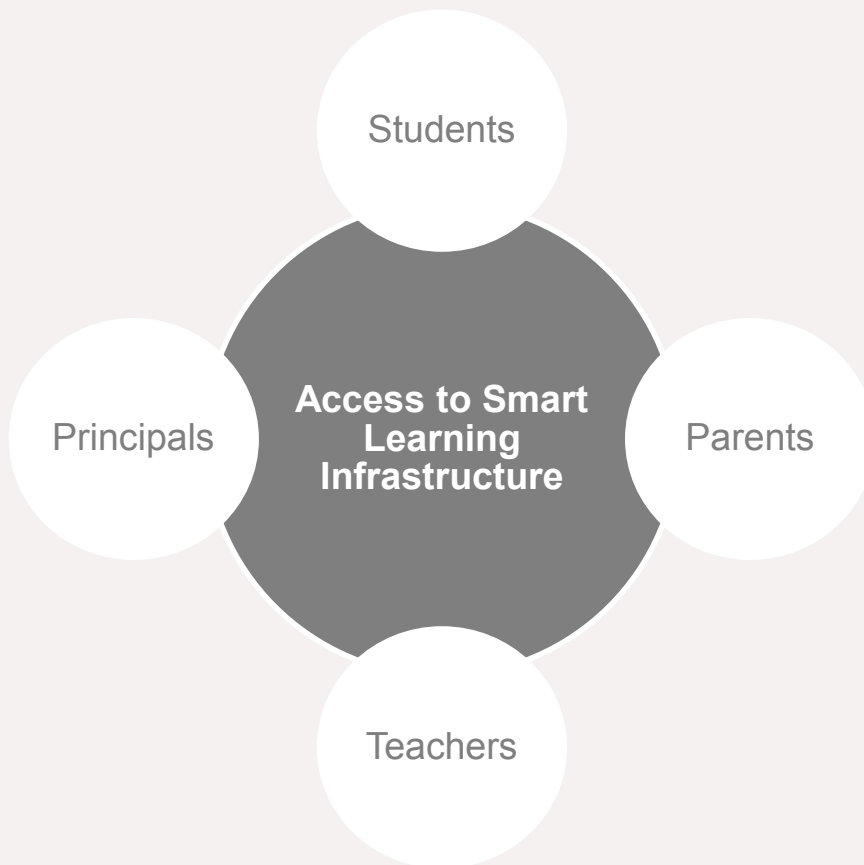


SMART EDUCATION & HEALTH SERVICES

SMART EDUCATION

- Access to high quality educational resources (locally or worldwide).
- Access to education institutions and on line training and learning material.
- Collaboration considered as crucial requirement in 21st century learning. Broadband can enable communication between:
 - Students to students
 - Teachers to teachers
 - Students to teachers
- They have to collaborate to:
 - Share high quality content
 - Chat, group discussion, conference, and voice call
- System availability anywhere any time means learning anywhere anytime.

SMART EDUCATION



SMART HEALTH



**Video
Consultation**



**Remote
Surgery**



**Electronic
Health
Records**



**Mobile
Health**



**Remote
Monitoring**



THE ROLE OF GOVERNMENT

THE ROLE OF GOVERNMENT

- The importance of Broadband.
- Ensure a stable regulatory and legal framework.
- Allocate required resources.
- Ensure long term and sustainable competition.
- Develop strategies and National Plans for Broadband deployment and adoption.
- Consider PPP to develop Broadband infrastructure.



NATIONAL BROADBAND PLAN

NATIONAL BROADBAND PLAN

Plans differ from country to country.

Should not address the needs of telecom sector only.

Cooperation and consultation of all stakeholders.

Identify owners, monitors and required fund

Specific time line.

Technology Neutral.

Detailed initiatives with monitoring KPIs.

Challenges

- Coordination & Collaboration
- Clear Regulatory Environment
- Customer privacy & Security
- OTT's
- Budgeting & Financing



Thank You



TRA VISION

The UAE is a global leading country in ICT