

# **National Broadband Strategy Project**

**(supported by Ministry of Transport, Maritime and  
Communications)**

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10/12/2012**

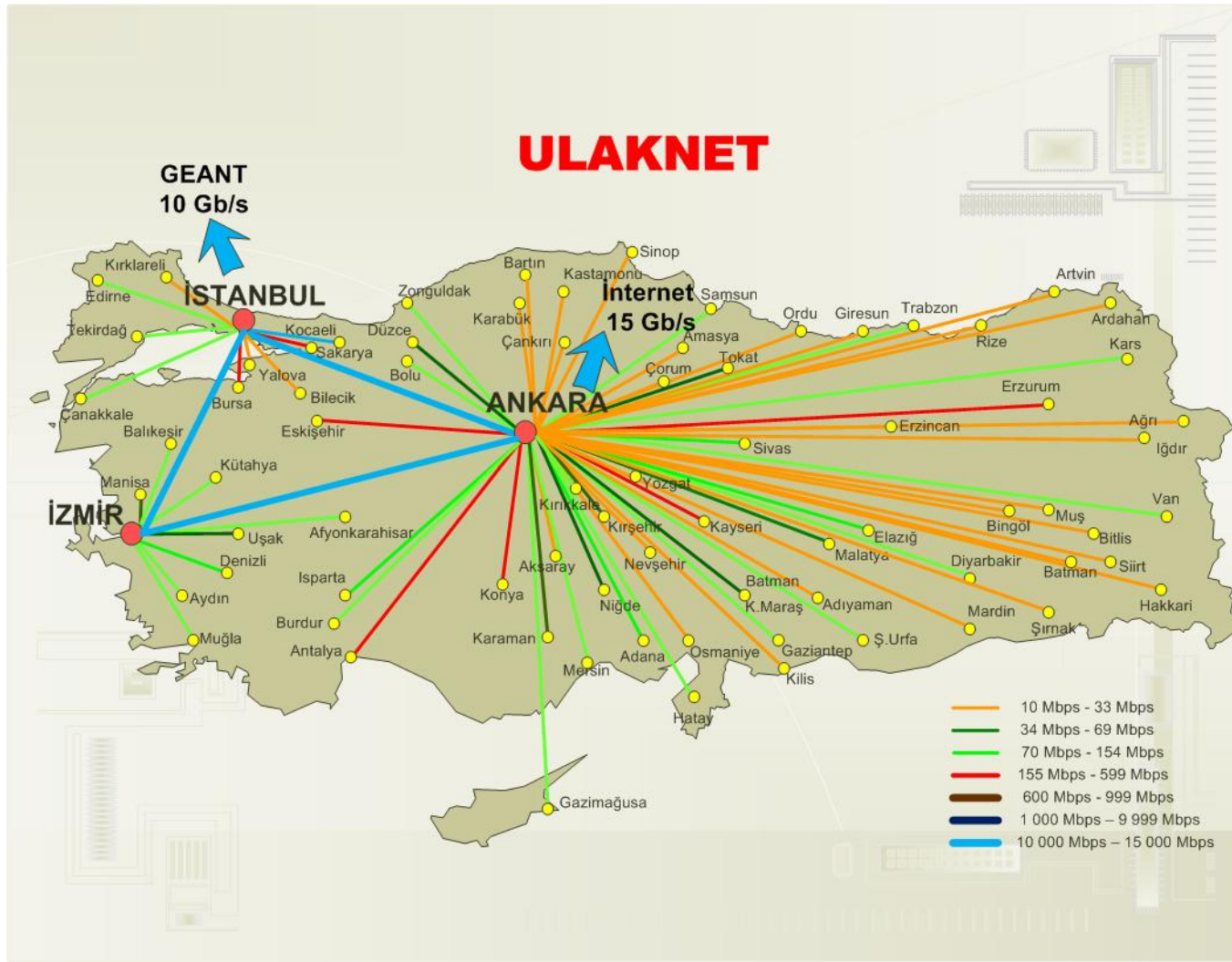
# ULAKBİM: National Academic Network and Information Center



- Two main operational divisions:
  - Cahit Arf Information Center
    - Provides content / nationwide academic resources & information services for the R&D activities in Turkey
  - Network Technologies Department
    - Operates National Academic Network – ULAKNET
    - Coordinates nationwide IPv6 protocol transition with collaboration Telecommunication Authority Office
    - Participates in research and development activities focusing on network and information technologies

# ULAKNET 2012

- Directly connected 170 Universities & Research Institutions
- ~ 929 Connections ~ 160.000 Researchers ~ 2.700.000 Students
- Including Thematic Research Centers and Central Research Laboratories (60)

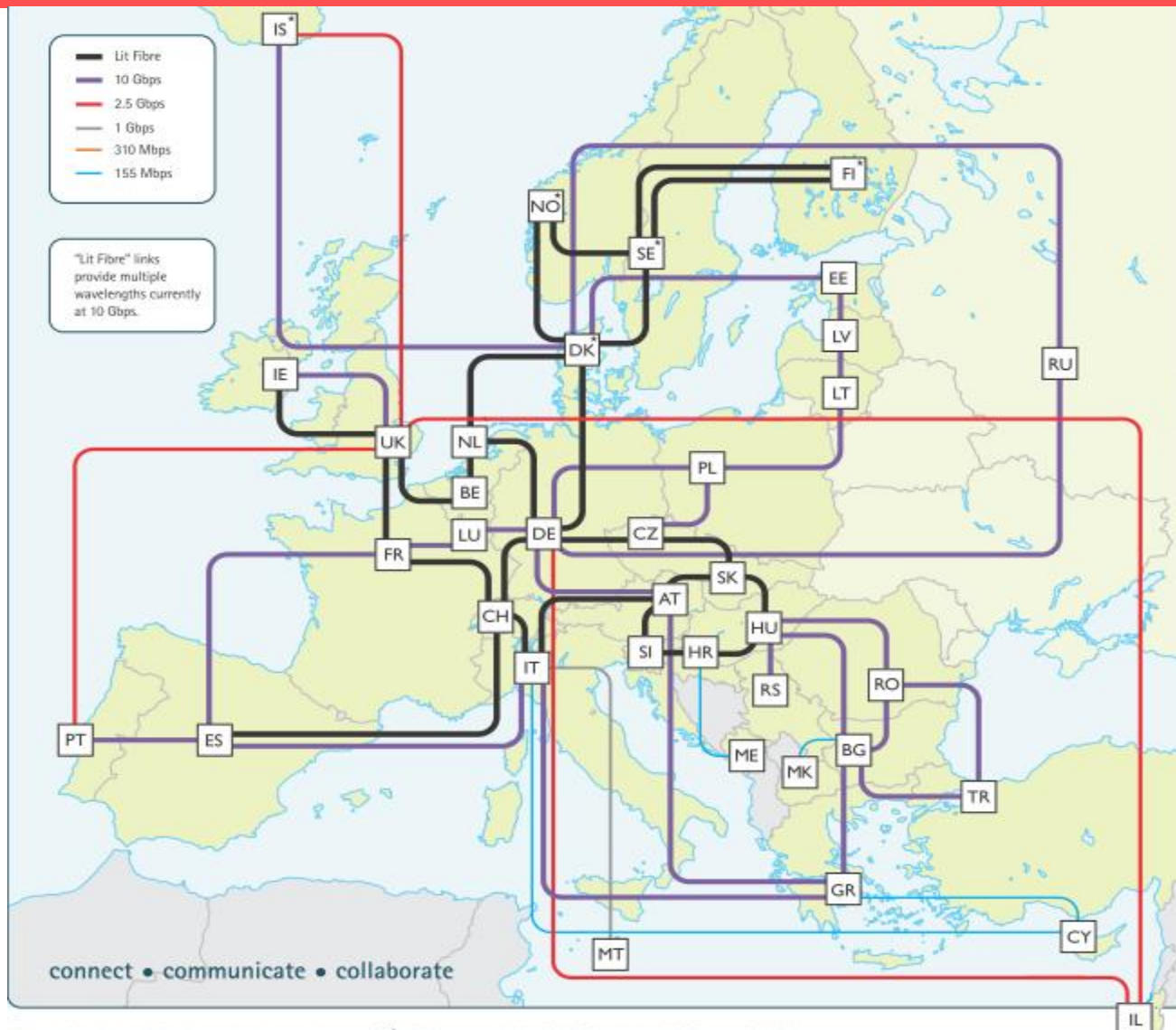


# GEANT



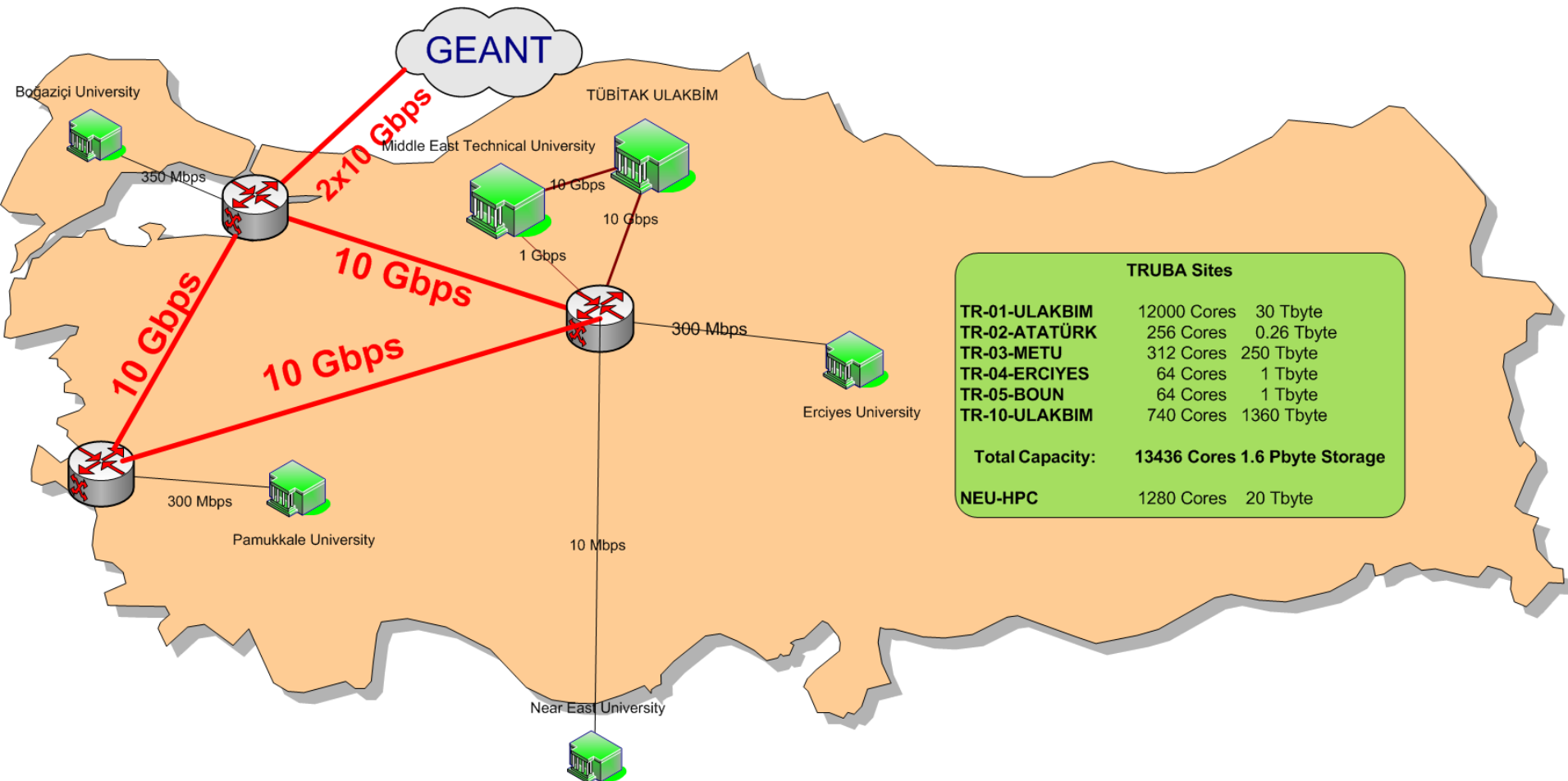
TÜBİTAK

ULAKBİM



- 2x10 Gbps connection European Research Network (GEANT)

# TRUBA (Turkish e-Science e-Infrastructure)



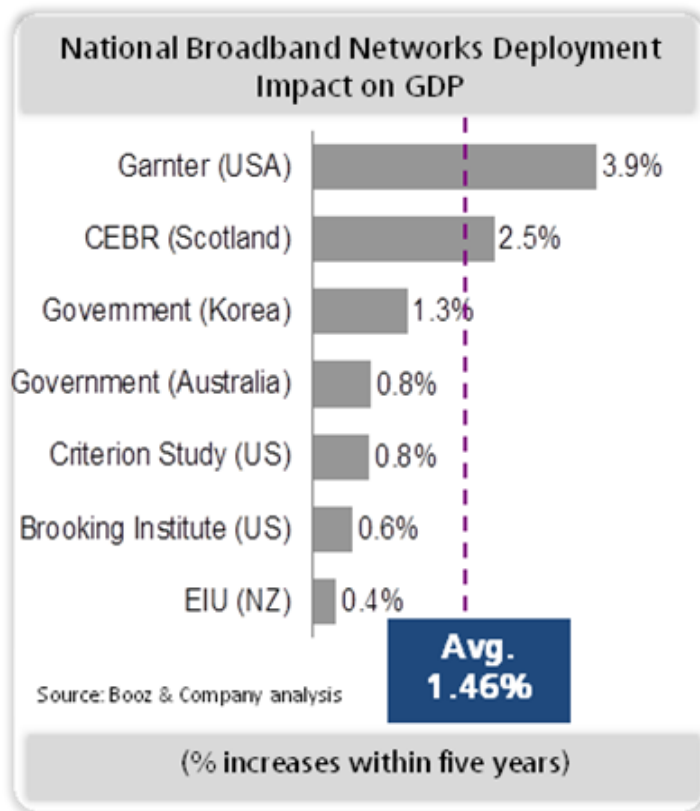
**Grid / HPC / Cloud computing, virtualization and storage services**

**+730 users (August 2012)**

# National Broadband Strategy Project

## Motivation

- Broadband infrastructure has been shown to be a key to economic development



### Socio-Economic Benefits

- Service Innovation
- Labor Productivity
- National Competitiveness
- Social Welfare
- Improve Lifestyle

- For every **1%** increase in broadband penetration, employment rate increased **0.2-0.3%**;

- For every **\$1** investment in broadband, the whole society got **10** times return

# National Broadband Strategy Project

## Motivation



- By fostering broadband development the Turkish economy could gain US\$ 4.9-10 billion extra value added each year thereby boosting its economic growth by 0.8-1.7%.
- Results in 180,000-380,000 new jobs a year.

- We need for a nationwide strategic plan to increase broadband usage and infrastructure investments
  - Lack of regulation (Rights of way, pricing, etc.)
  - Who should pay for the infrastructure? (State, private sector, PPP)
- The project is supported by Ministry of Transport, Maritime and Communications
- Realized by TUBITAK - ULAKBİM
- Started in August 2012



# National Broadband Strategy Project

## Goals



- State the current status of Turkey in terms of broadband usage and infrastructure and point out the problems
- Find out where we are in the world
- Identify the best practices in terms of government and private sector applications
- Decide the best practices that fit to Turkey and customize them according to our problems

- Propose an economy model that will increase broadband usage and infrastructure investments
  - Should be sustainable
  - Supporting mechanisms
- Come up with a road map and an action plan to achieve the proposed model
  - Regulations, key players, etc.
- Deploy a broadband information portal to increase the awareness

# National Broadband Strategy Project Participation



- Participation from private sector and government organizations are welcome
- Share your opinion with us to make the outcome of the project applicable
- We will organize a workshop in February or March 2013
  - Let us know if you like to attend
- The project report will be available by April 2013
  - Subject to permission of Ministry of Transport, Maritime and Communications

# National Broadband Strategy Project Portal



- Turkey's information source for broadband related issues
- Exchange ideas via broadband forum
- Share your opinion regarding the project or general broadband issues
- <http://ehp.ulakbim.gov.tr/>

## Genişbant Elektronik Haberleşme Portalı

T.C. Ulaştırma, Denizcilik ve Haberleşme Bakanlığı

[Anasayfa](#) | [Bize Ulaşın](#) | [Proje Ekibi](#) | [Proje Tanıtımı](#) | [Forum](#)

### Bağlantılar

- ▶ Forum
- UDH
- TÜBİTAK
- Broadband Commission
- ITU
- OECD

### Kullanıcı girişi

Kullanıcı adı \*

Parola \*

### Proje Tanıtımı

admin tarafından Cum, 09/21/2012 - 10:02 tarihinde gönderildi

Ulaştırma, Denizcilik ve Haberleşme Bakanlığı Haberleşme Genel Müdürlüğü 655 sayılı Ulaştırma, Denizcilik ve Haberleşme Bakanlığının Teşkilat ve Görevleri Hakkında Kanun Hükmünde Kararname'nin 13'üncü maddesiyle ülkemizdeki Haberleşme hizmetleri ile evrensel hizmetler ile acil durum haberleşmesine yönelik politika, strateji ve hedefler ile yürütülme esaslarını belirlemek ve uygulamasını takip etmek ve bunlara yönelik altyapı ve hizmetleri planlamak, kurmak, kurdurtmak, işletmek, işlettiirmek, geliştirmek ve bu alandaki bu alandaki seçeneklerin birbirlerini tamamlayıcı şekilde yürütülmesini sağlayacak esasları belirlemek ve denetlemek üzere görevlendirilmiştir.

[devamını oku](#)

### Genişbant Raporları

- ITU "The Impact of Broadband on The Economy"
- WEF "The Global Competitiveness Report 2012-2013"
- WEF "The Global Information Technology Report 2012"
- WEF "The Global Information Technology Report 2010-2011"
- 2011 Genişbant: Gelişim İçin Bir Platform
- Broadband in Turkey: Compared To What?
- 2012 Yılı Genişbant Durum

### Genişbantın Ekonomik Etkileri Raporu