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> http://devdata.worldbank.org/ict/jpn_ict.pdf http://devdata.worldbank.org/ict/kor_ict.pdf **TMGT 632** 24.111.06

GSTIT.edu.et European Union rules de minimis rule · Strong regulatory framework in place: · The total aid granted to any one firm shall not horizontal measures (competition law and consumer protection) exceed EUR 100 000 over any period of three sector specific measures (control of dominance and universal years service) Additional rules for the use of aid for telecoms in finance The ceiling applies irrespective of the form of the or in kind by governments at all levels aid or the objective pursued, i.e. it is cumulative To promote the development and structural adjustment · Then aid is exempted from the rules of regions strengthening economic and social cohesion, i.e. bridging economic and social disparities in Europe Infrastructure projects must be connected with the objectives of regional economic development, i.e. economic growth, regional competitiveness http://europa.eu.int/comm/regional_policy/sources/docoffic/working/doc/telecom_en.pdf 01 of 12 January 2001

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Boosting demand

- · Modernising the public sector (e.g., demand aggregation)
- Stimulating demand in the private sector (e.g., small and medium-sized enterprises)
- · Developing content
- Raising digital skills

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In support of a regional development plan

Infrastructure

- Targeted towards areas that would otherwise be neglected under free market conditions
- Strict adherence to the principle of technology neutrality Consistent with the regulatory framework and the competition rules accompanied by clear open access
- obligations
- Limited to infrastructure, i.e. installations (dark fibre, operators and service providers
- Contracts should be awarded through open calls for tender
- Support should be limited to the necessary amounts of resources for the provision of the service

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USA Wi-Fi disputes

- Many cities in the USA have expressed an interest in constructing Wi-Fi networks
 - Cincinnati and Philiadelphia
 - San Francisco and Silicon Valley
 - New York City
- Concern to develop high-tech image
- Concern to avoid "red-lining", i.e., not exclude the poor
- · Adding the capability to roam between networks

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Incumbent operators

- · Actively resisted municipal efforts
- Sought state-level legislation to forbid municipal initiatives

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- Argued it:
 - is anti-competitive
 - pre-empts commercial efforts

GSTIT.edu.et GSTIT.edu.et **Competition and markets** Conclusions · Different levels of government can play a beneficial role Is there a market failure? · Everyone will benefit from: • Will there be changes to: - careful research - open consultations - business models? - transparency in the rules - technologies? - sharing experiences • Support can and does help to boost adoption · Will investments be wasted? Care is required to avoid anti-competitive effects What is the level of risk to: The aim should be the minimum needed to achieve the intended results - investments? Technology neutrality is a sound principle - competition?

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