

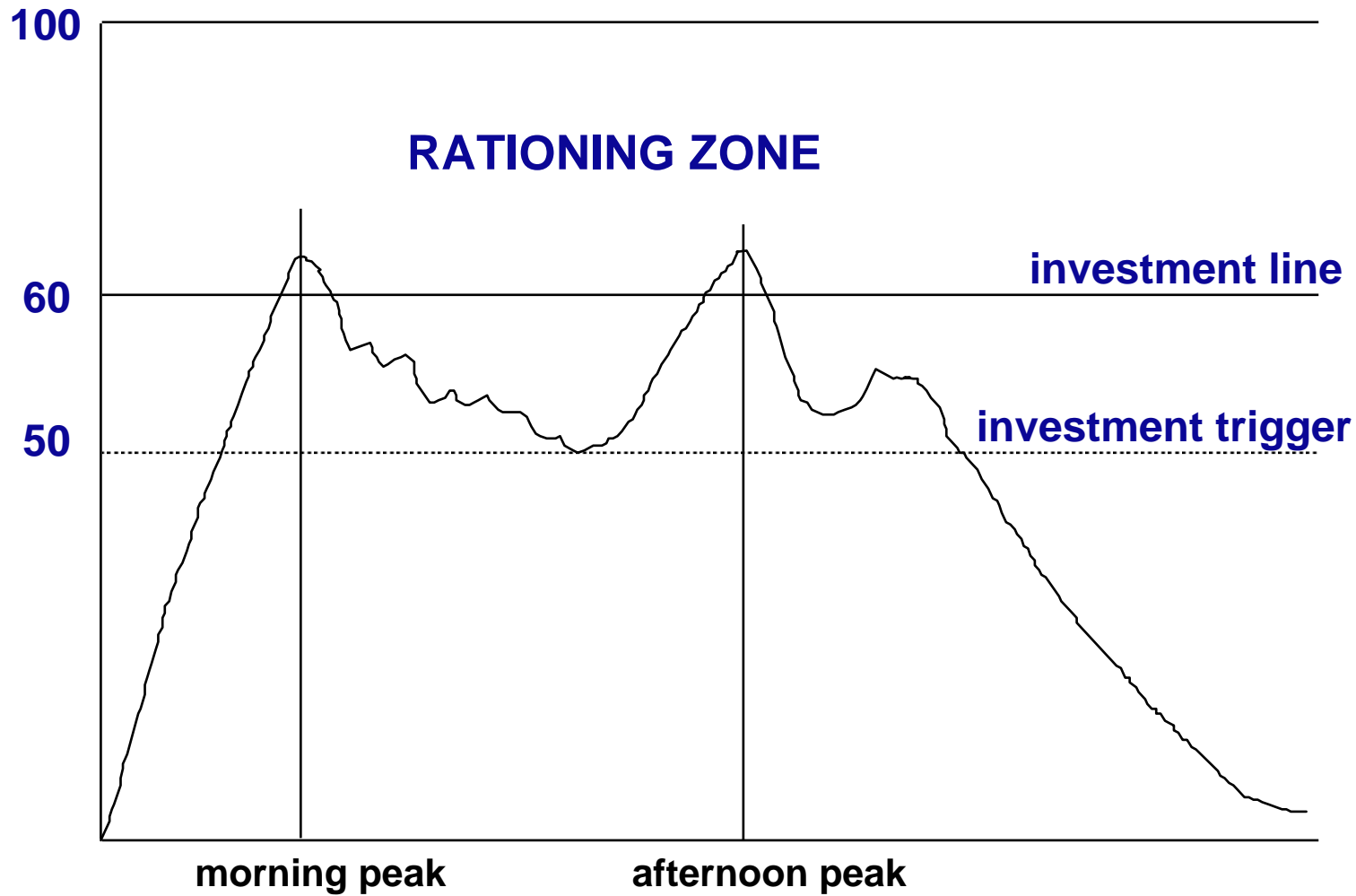
# **OECD/OSIPP (Osaka University) Workshop**

## **The Internet: Convergence and Self-Governance**

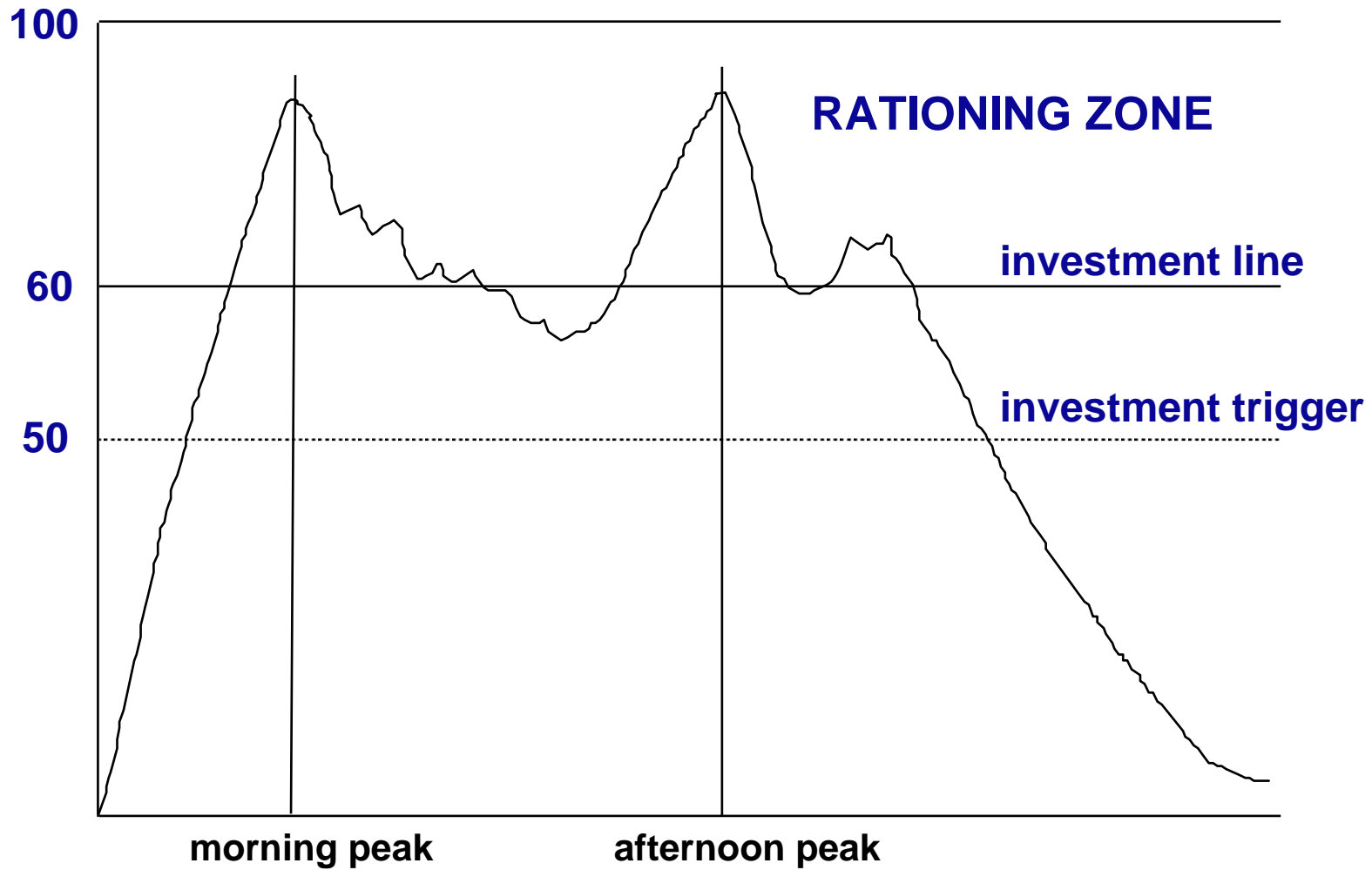
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# PRICE AND QUALITY OF SERVICE - Telephony



## PRICE AND QUALITY OF SERVICE - Internet



## **INTERNET v THE TELCO'S**

- **Two different technologies**
- **Two different cultures**
- **A common set of service problems**

# **SETTLEMENT OPTIONS**

- **Customer / Supplier**
- **Facilities based wholesaler**
- **Reseller**

# THE ROLE OF REGULATION

- **Defining Technical Standards**
- **Setting Commercial Principles**
- **Anti-Trust/Consumer Protection**

# ISSUES

- **Quality of Service**
- **Universality of Service**
- **Who Pays - The Network Pricing Conundrum**

# **Pan-European Research Networking Building Blocks**

- **1996**                      **2 Mbit/sec**                      **Circuits**
- **1997**                      **34 Mbit/sec**    **ATM VP**
- **1998**                      **155 Mbit/sec**                      **SDH Circuits**

# Pan-European Research Network Price Evolution

	Average Price	Price Range
• 1996 EuropaNET	200 KECU/Mbit/yr	200 KECU/Mbit/yr
• 1997 TEN-34	150 KECU/Mbit/yr	100-200 KECU/Mbit/yr
• 1998 QUANTUM	30 KECU/Mbit/yr	20-200 KECU/Mbit/yr