



Group presentations

1. Choose one topic

2. Size of groups: min. 2 - max. 5

3. Presentation: max 15 min.

4. Presentations: first week of June

5. Some possible topics:

- Diffusion and standardisation (digital Tv, MP3 etc.)

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- University patenting/patent system
- Science parks and technology transfer
- Innovative startups and venture capital

04/05/2003



































Chain-linked model

- Origins: - critiques to US e UK technology policies ('70s)

+ explanations of Japanese boom (same years)

- Implications:

a) innovation as an *interactive* and *collective* activity (firms as 'open' systems) \rightarrow firms' strategies (vertical integration, networking etc.)

b) *external* and *internal* sources of knowledge *complementary*, rather than substitutes \rightarrow importance of SMEs, clusters, districts

c) discovery of 'hidden sources' of innovation \rightarrow learning/design

d) **ENDOGENEITY** of **SCIENCE** with respect to the economy: recently, impact upon collection of statistical data







Sources of innovation

• Learning through dedicated activities (R&D)

• Learning by doing:

- learning as joint outcome of production \rightarrow learning curve

- development of skills in production

- flow of incremental innovations

• Learning by using

- use of capital goods/components/materials leads to better understanding of performance/conditions of use \rightarrow higher productivity/lower production costs

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