

Wuppertal Institut
für Klima, Umwelt, Energie
GmbH



Perspectives of Renewable Energy in the Danube Region

International Conference 26-27 March 2015, Pécs - Hungary

Social Domain

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Danube Region Strategy

➤ 14 countries – 11 priorities

Waterways

Water quality

Security

**Knowledge
Society**

Rail-Road-Air

**Environmental
Risks**

Culture & Tourism

People & Skills

Energy

**Biodiversity,
landscapes ...**

**Institutional
capacity and
cooperation**



Increasing attention to renewable energies

- ▶ Critical issues:
 - ▶ Gas market
 - ▶ Gas storage
 - ▶ Biomass
 - ▶ Renewable sources in electricity production
 - ▶ International cooperation vs nationality
 - ▶ Sustaining supply security
 - ▶ Financial sources of investment
 - ▶ Social acceptance
- 



Social issues



- ▶ Establishing new workplaces
- ▶ Developing supplier background

- ▶ Household vs. National benefits
- ▶ Cost, benefits & return on investments
- ▶ Developing a livable environment
- ▶ Health impacts

- ▶ Level of knowledge & attitudes



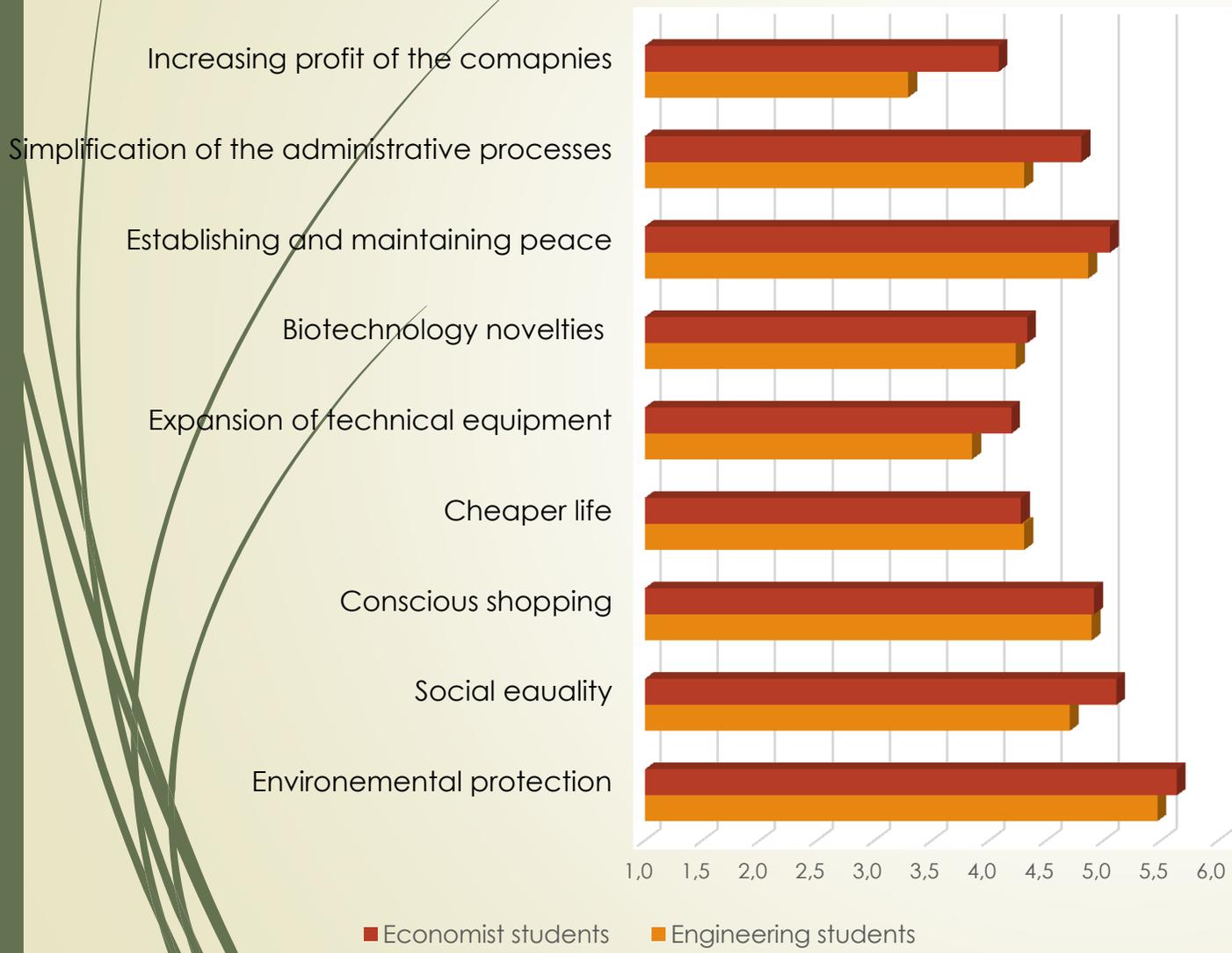
Possible indicators of evaluation

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- ▶ Space need per capacity
 - ▶ Aesthetics (subjective evaluation, relative scale)
 - ▶ Noise (for the total life cycle of the technology)
 - ▶ Conflicts (subjective evaluation , relative scale)
 - ▶ Need for risk-taking of the population (subjective evaluation , relative scale)
 - ▶ Need for personal control (subjective evaluation , relative scale)
 - ▶ Potential disasters (subjective evaluation , relative scale)
 - ▶ Need for education (subjective evaluation , relative scale)
 - ▶ Participation need & possibility (subjective evaluation , relative scale)

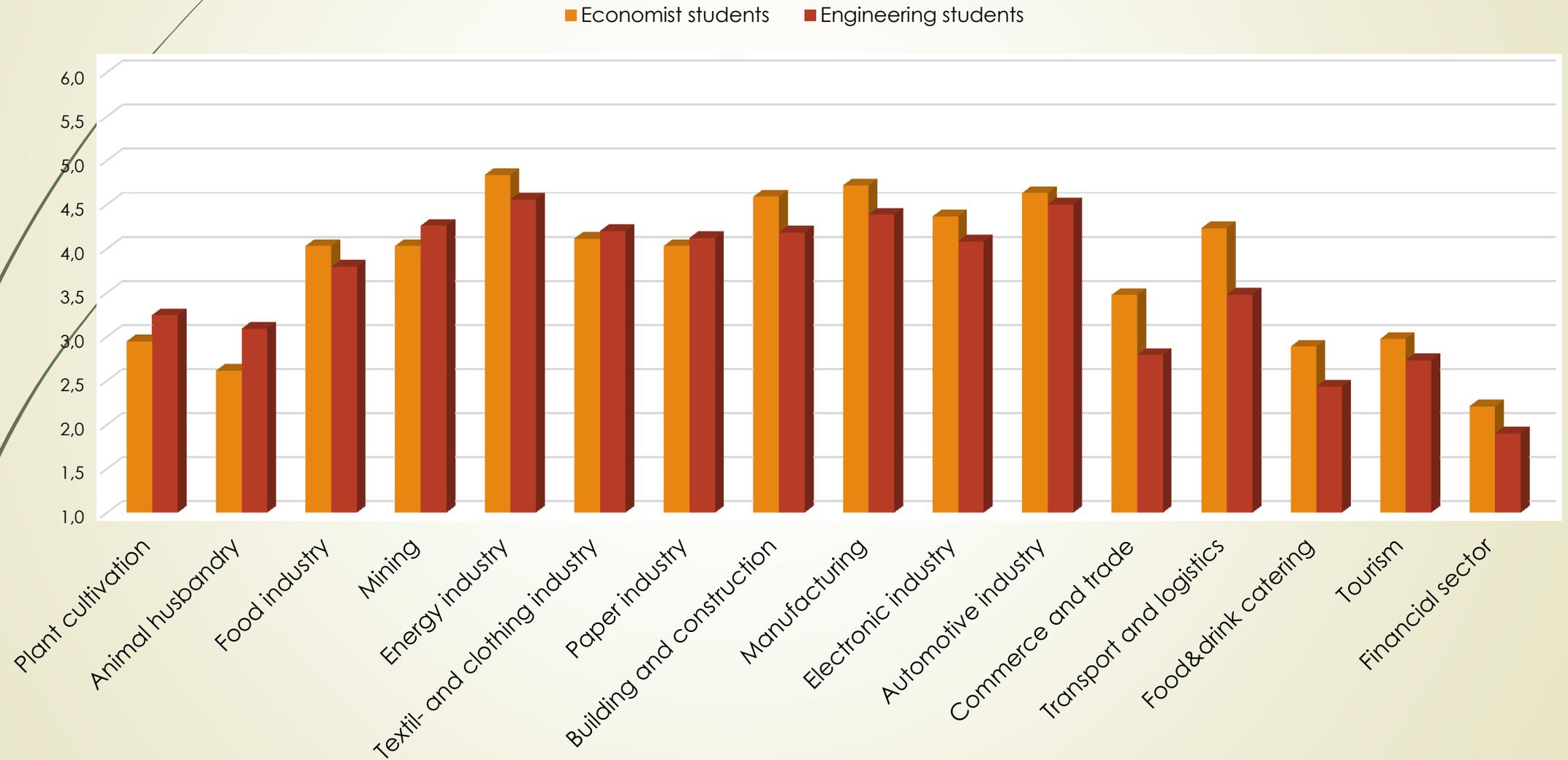
Personal aspects: CSR

Superficial
|
39%

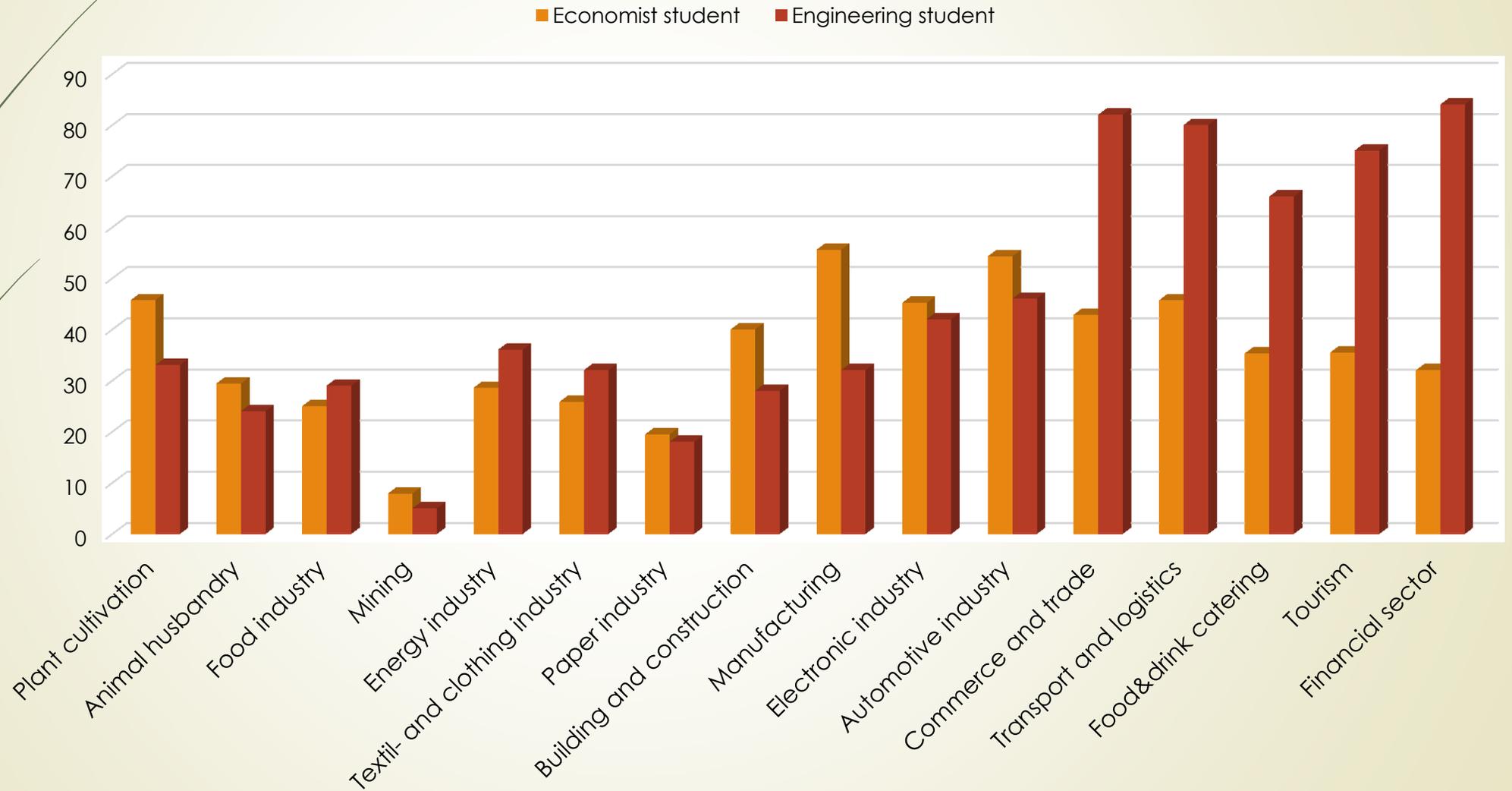
In details
10%



Personal aspects: Environmental performance of industry



Personal aspects: Expected job by industry





Professional Presentations



- ▶ The Theory of Environmental Modernization and its feasibility application in capitalist economy
 - ▶ Dragos Constantin Sanda
- ▶ An analysis of social effects of climate and energy usage modernization - Europe case
 - ▶ Smarandoiu Alexandra Luana