



**Asia-Pacific  
Economic Cooperation**

*EWG Expert Group on Energy Efficiency & Conservation (EGEE&C)*

# APEC EGEE&C Priorities

## Common interest with EGNRET

### October 2009

# SURVEY AIM

- Determine common priorities in EE&C among APEC economies
- Guide decision-making, activities, and project choices for the group
- Temperature check: are we on track?
- Clarify group's strategic direction and objectives



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## Eight economy responses

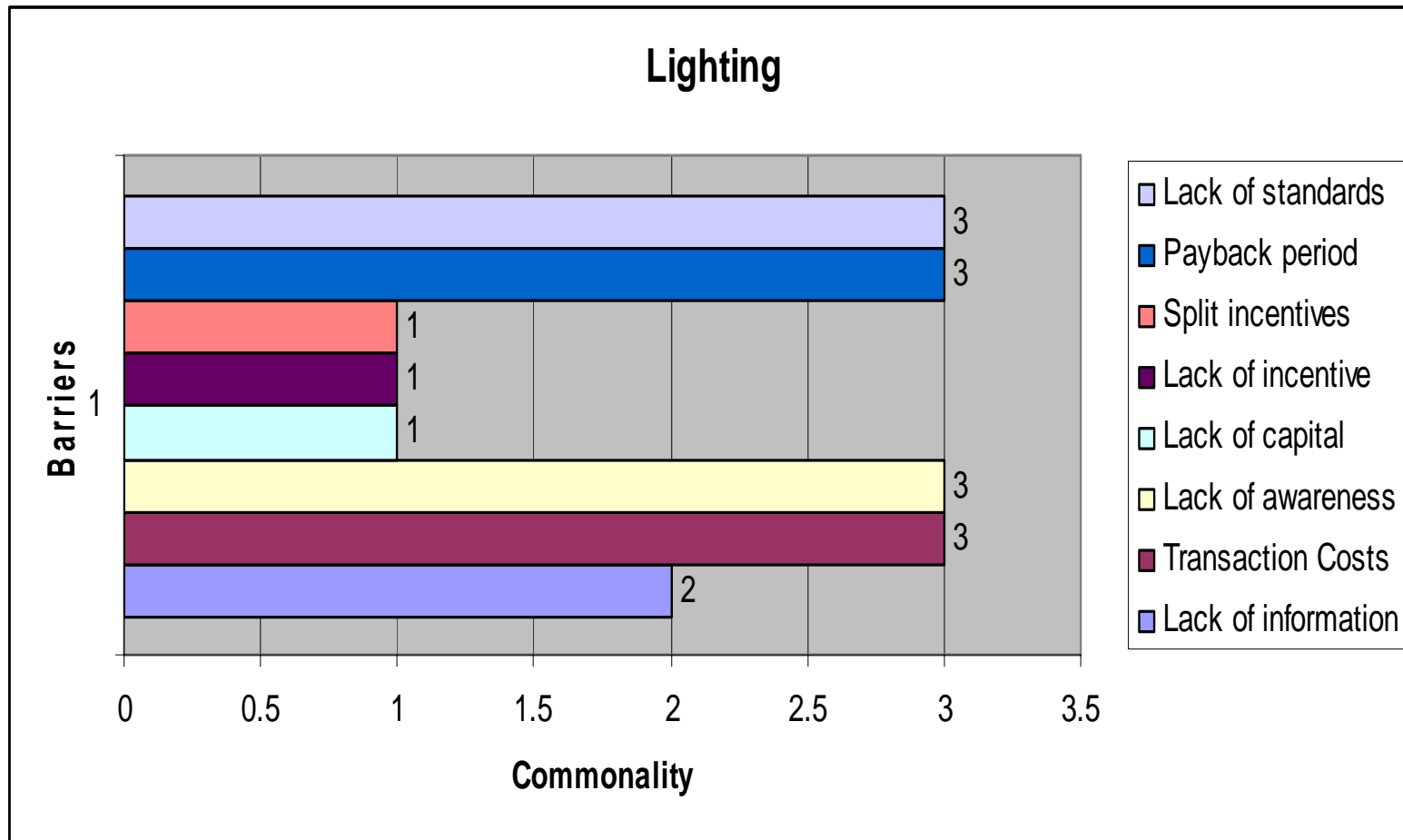
1. New Zealand
2. Korea
3. Chinese Taipei
4. Singapore
5. USA
6. Hong Kong China
7. Australia
8. Japan

# Linkage with EGNRET

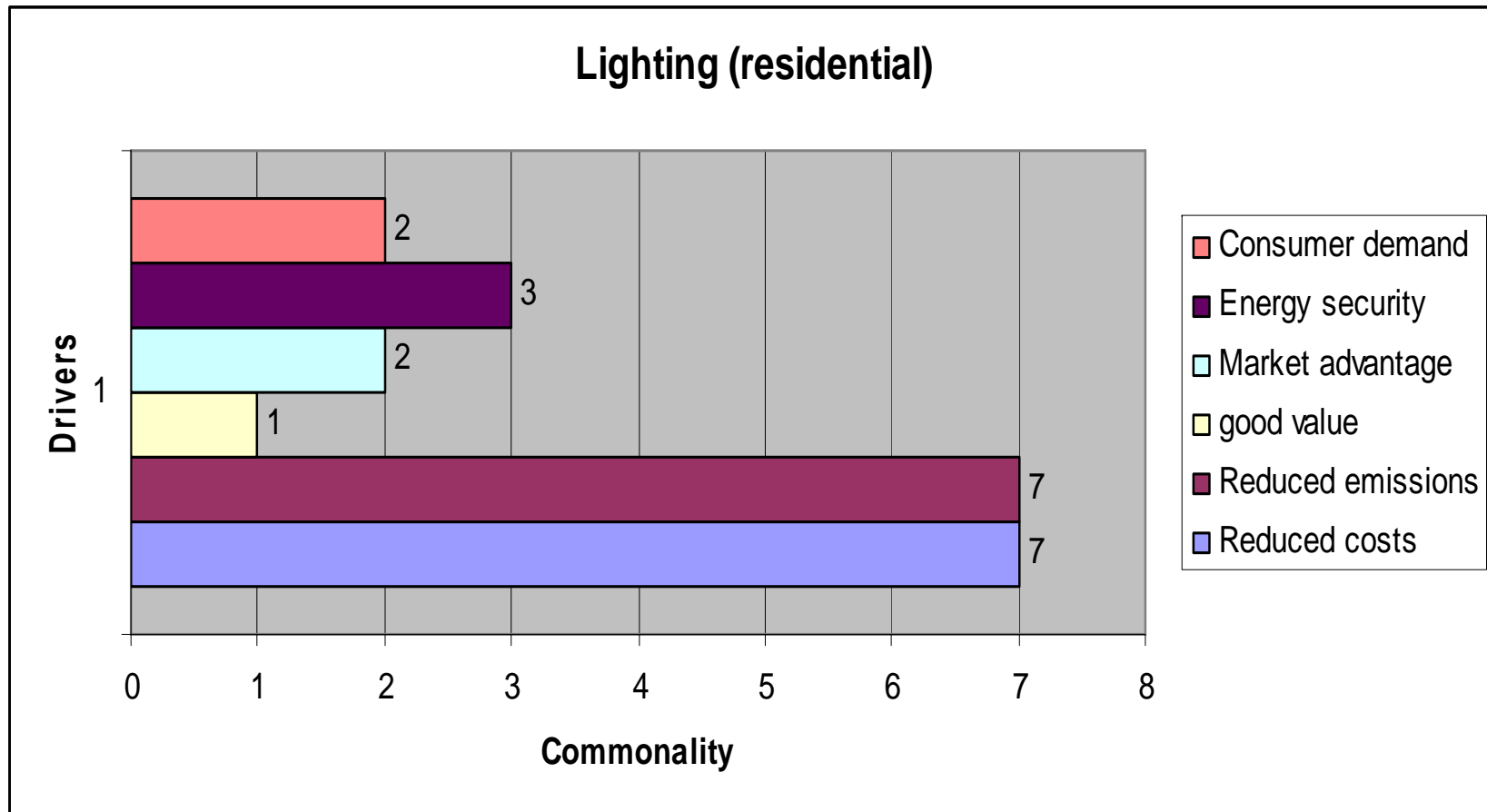
Which priorities identified in the survey relate to common areas of interest between EGEE&C and EGNRET?

# Zero Energy Buildings: Residential

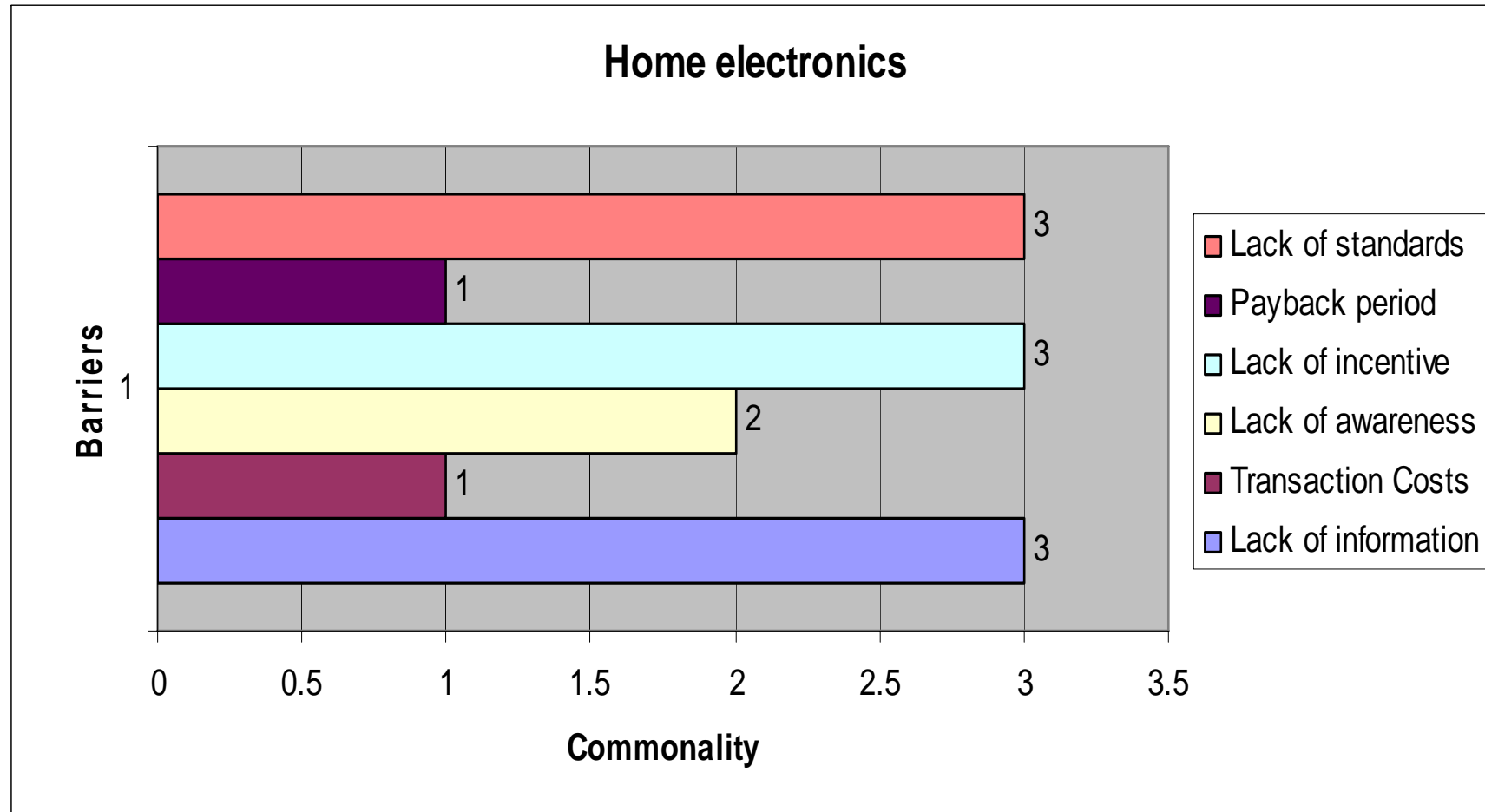
# Residential lighting – Barriers



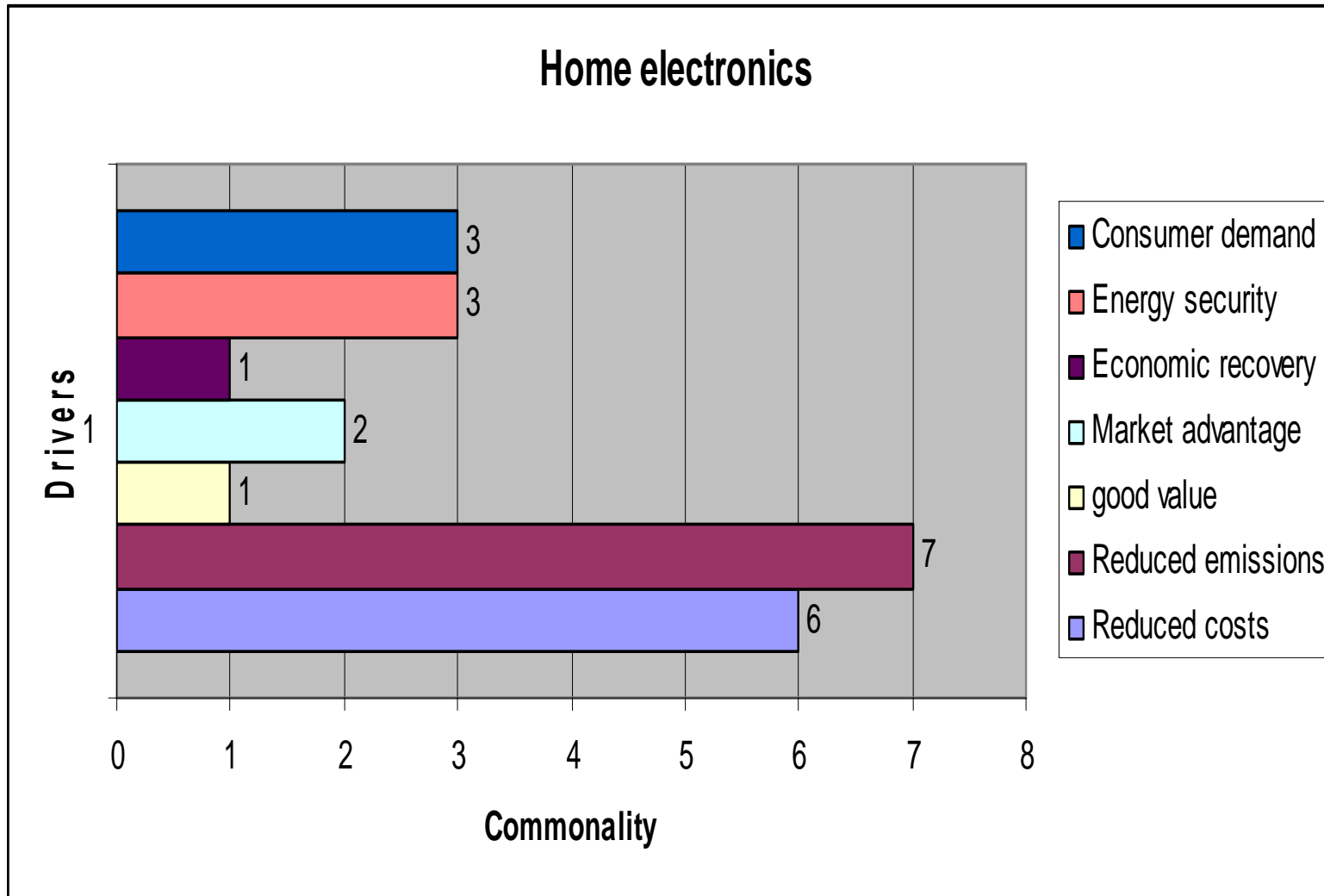
# Residential lighting – Drivers



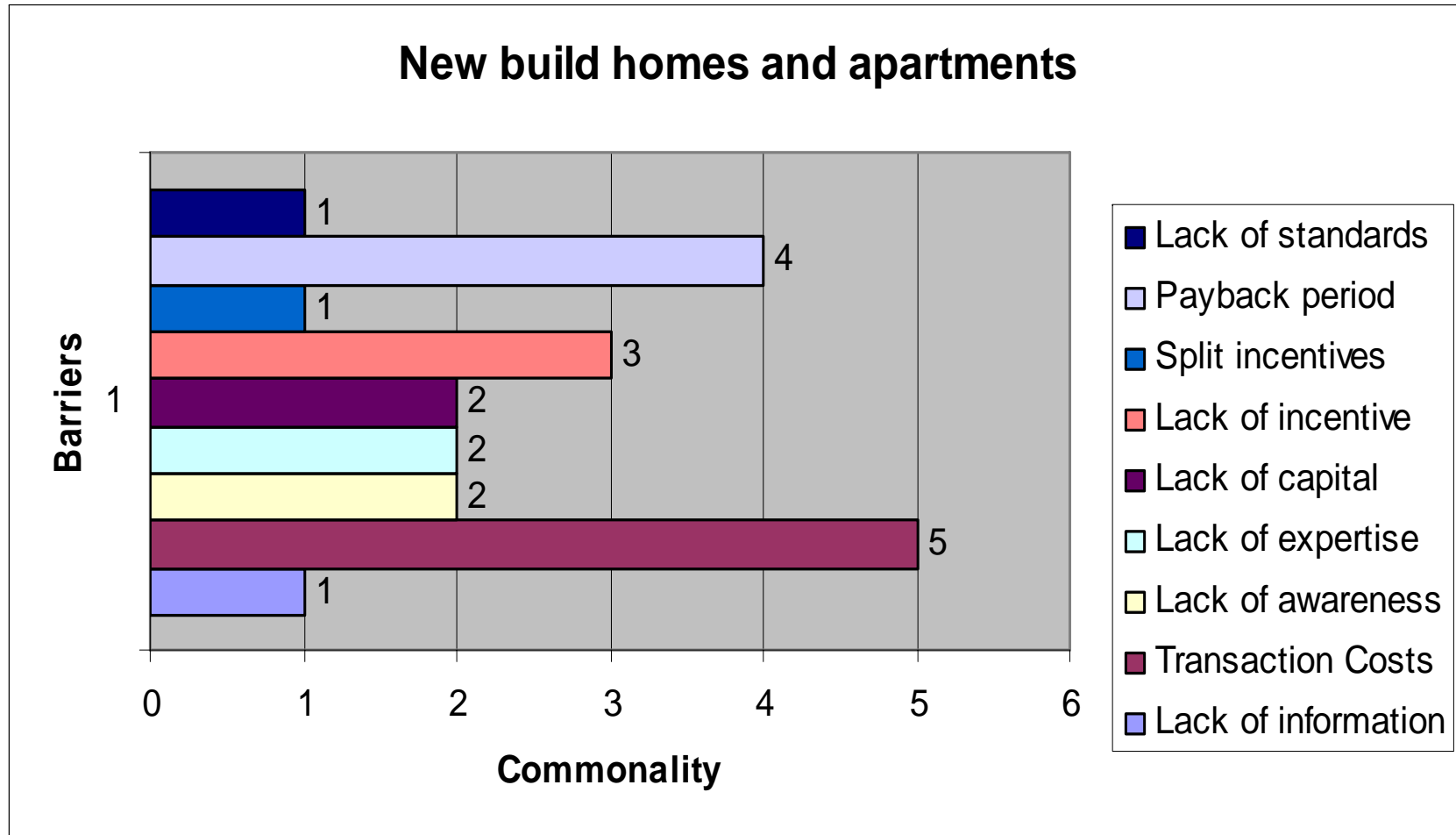
# Home electronics – Barriers



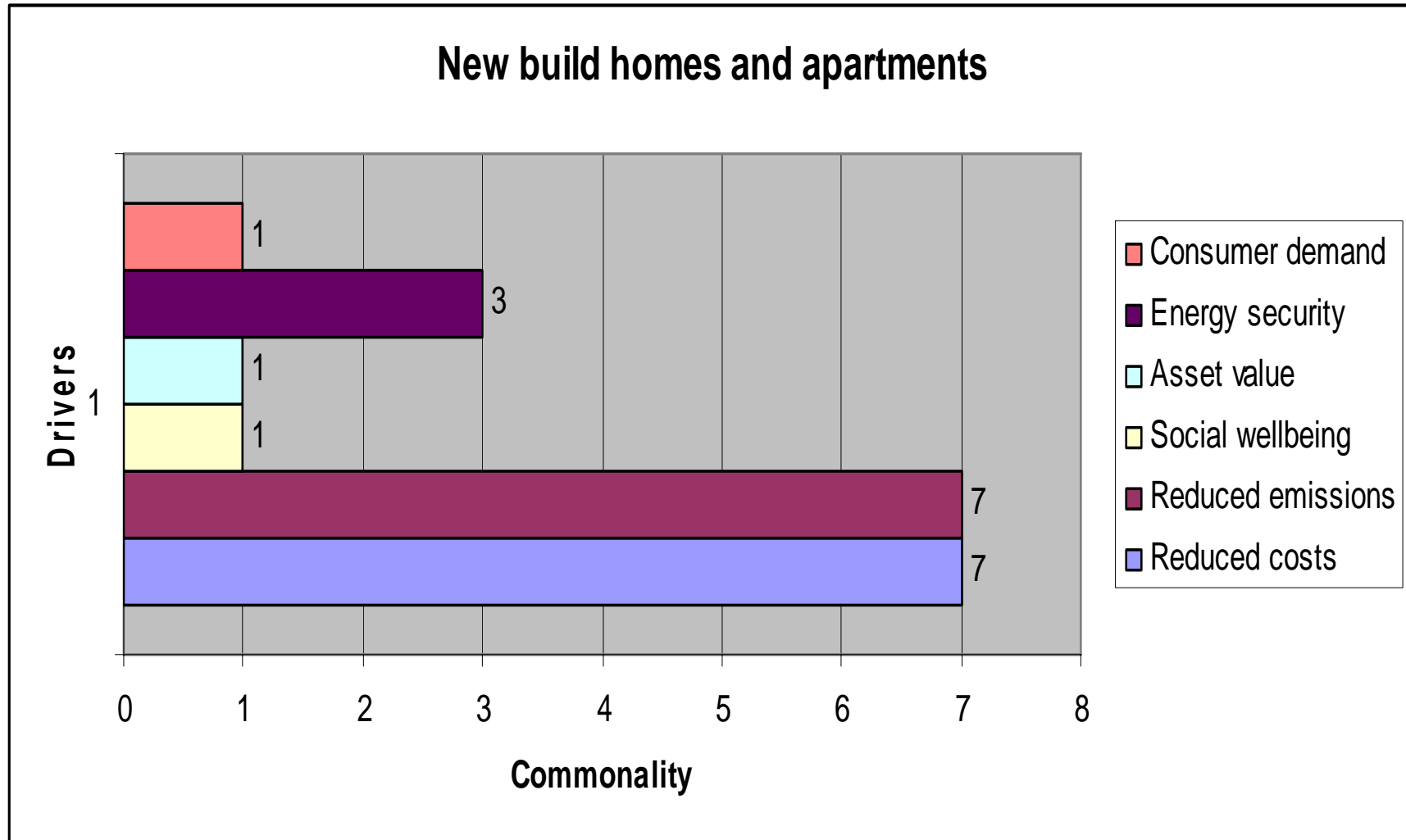
# Home electronics – Drivers



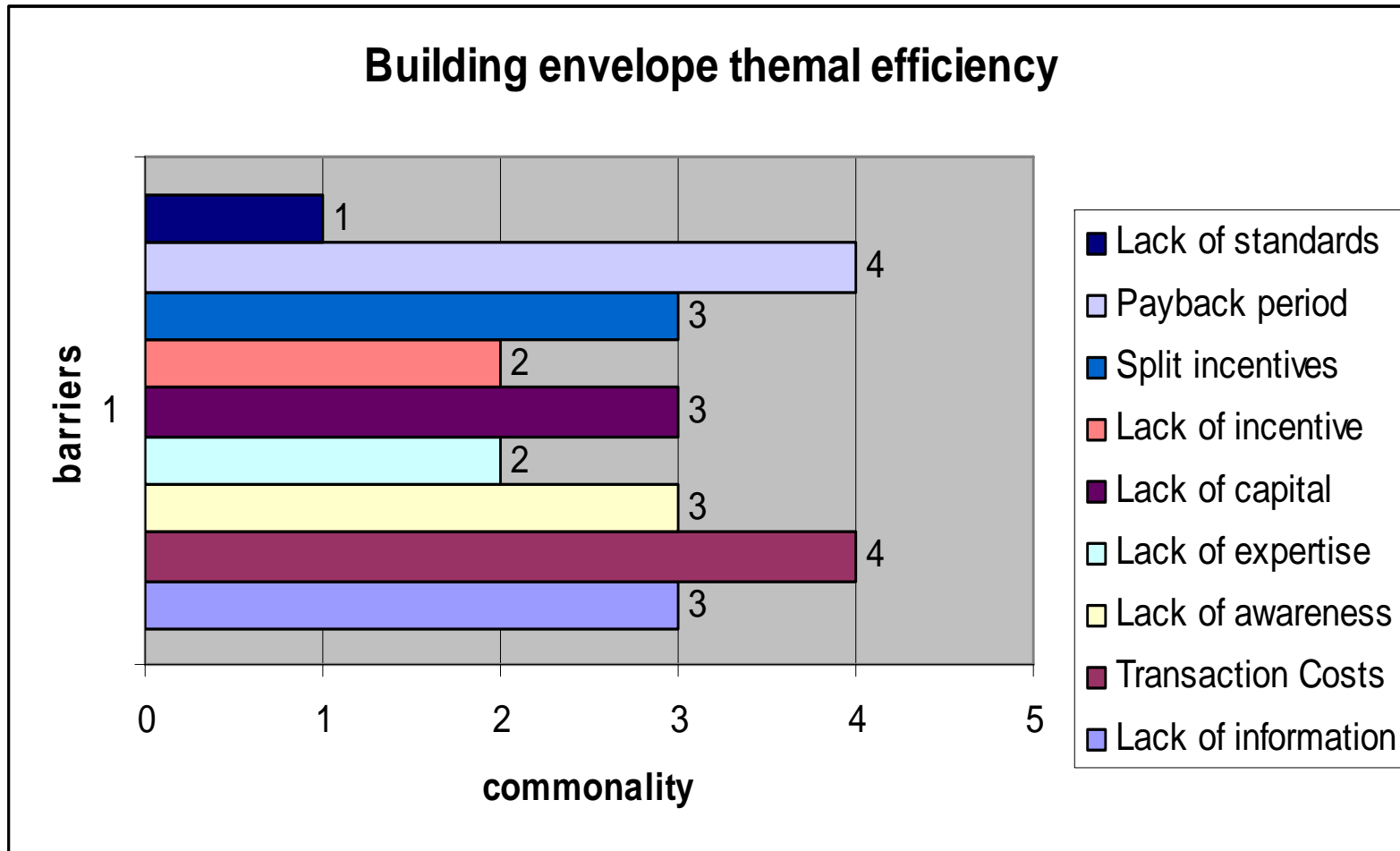
# New homes/apartments – barriers



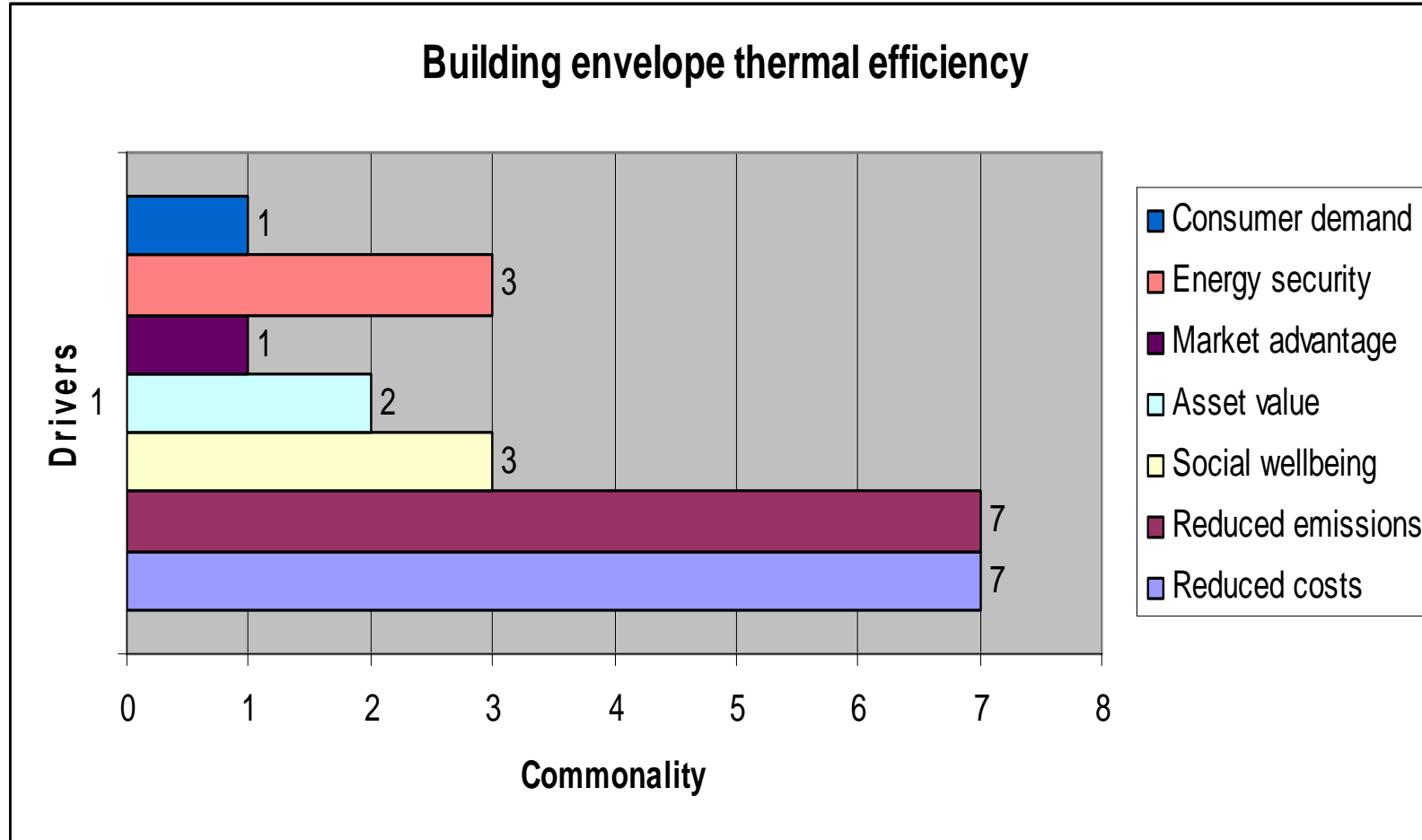
# New homes/apartments – Drivers



# Building envelope efficiency – Barriers

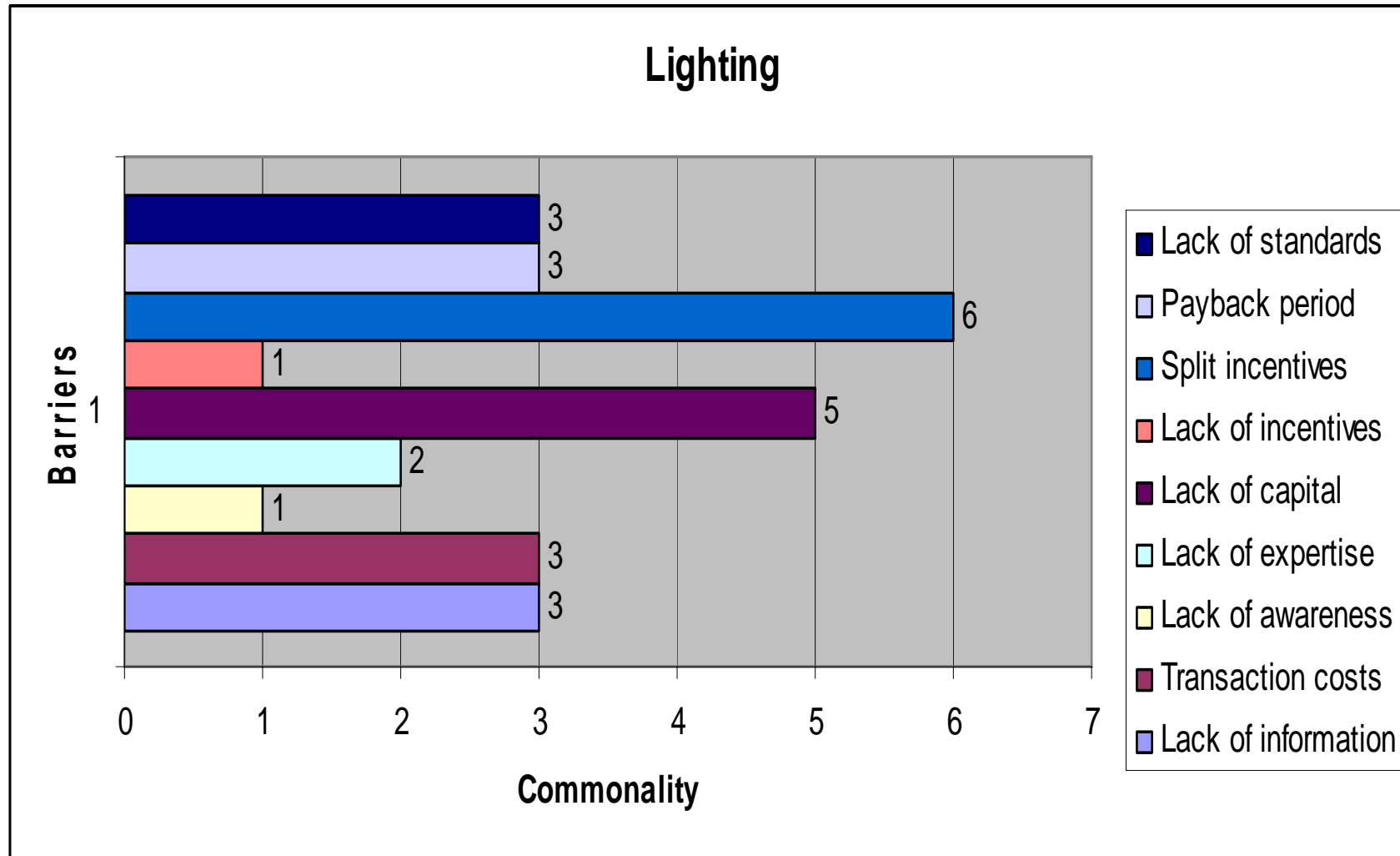


# Building envelope efficiency – Drivers

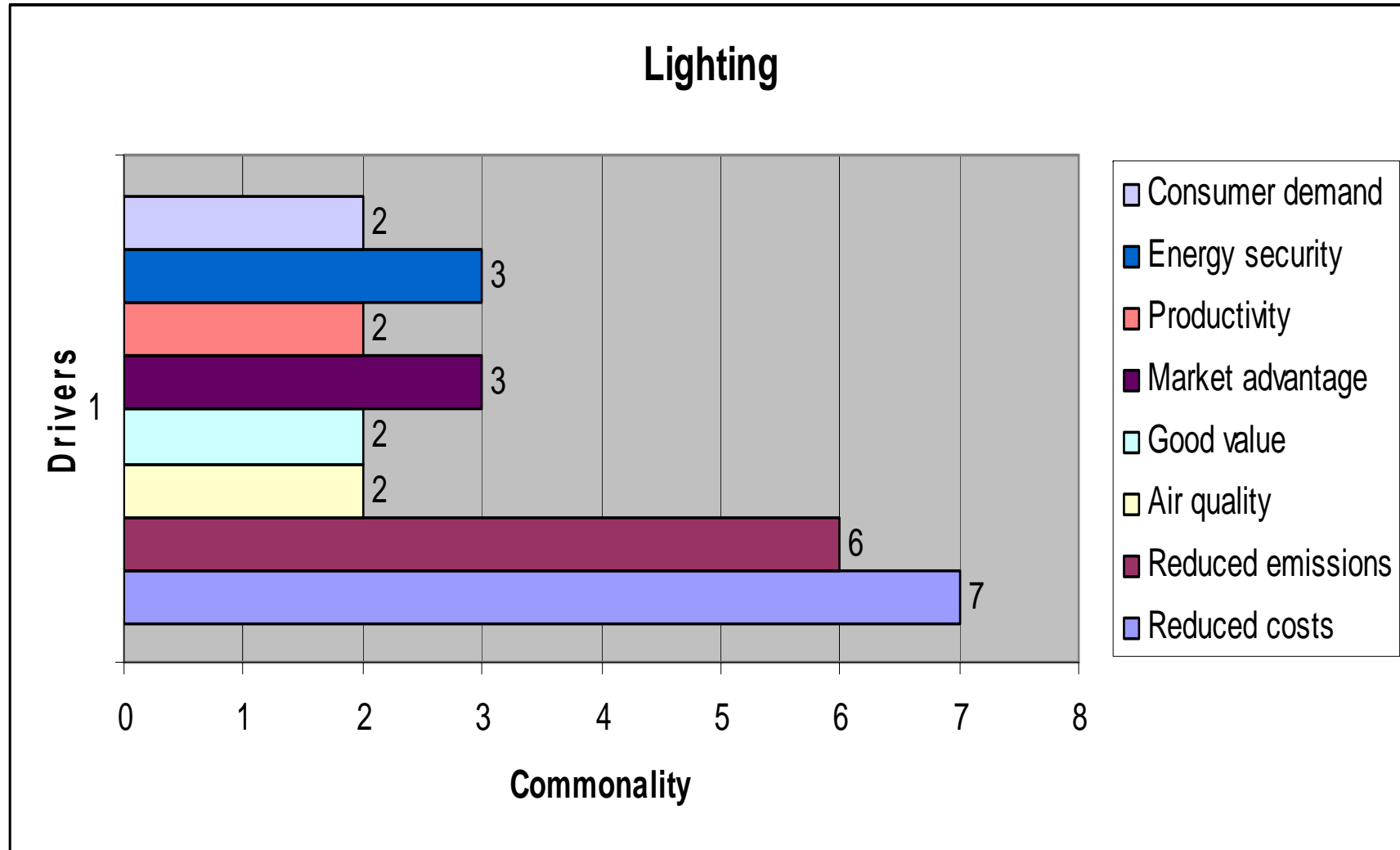


# Zero Energy Buildings: Commercial

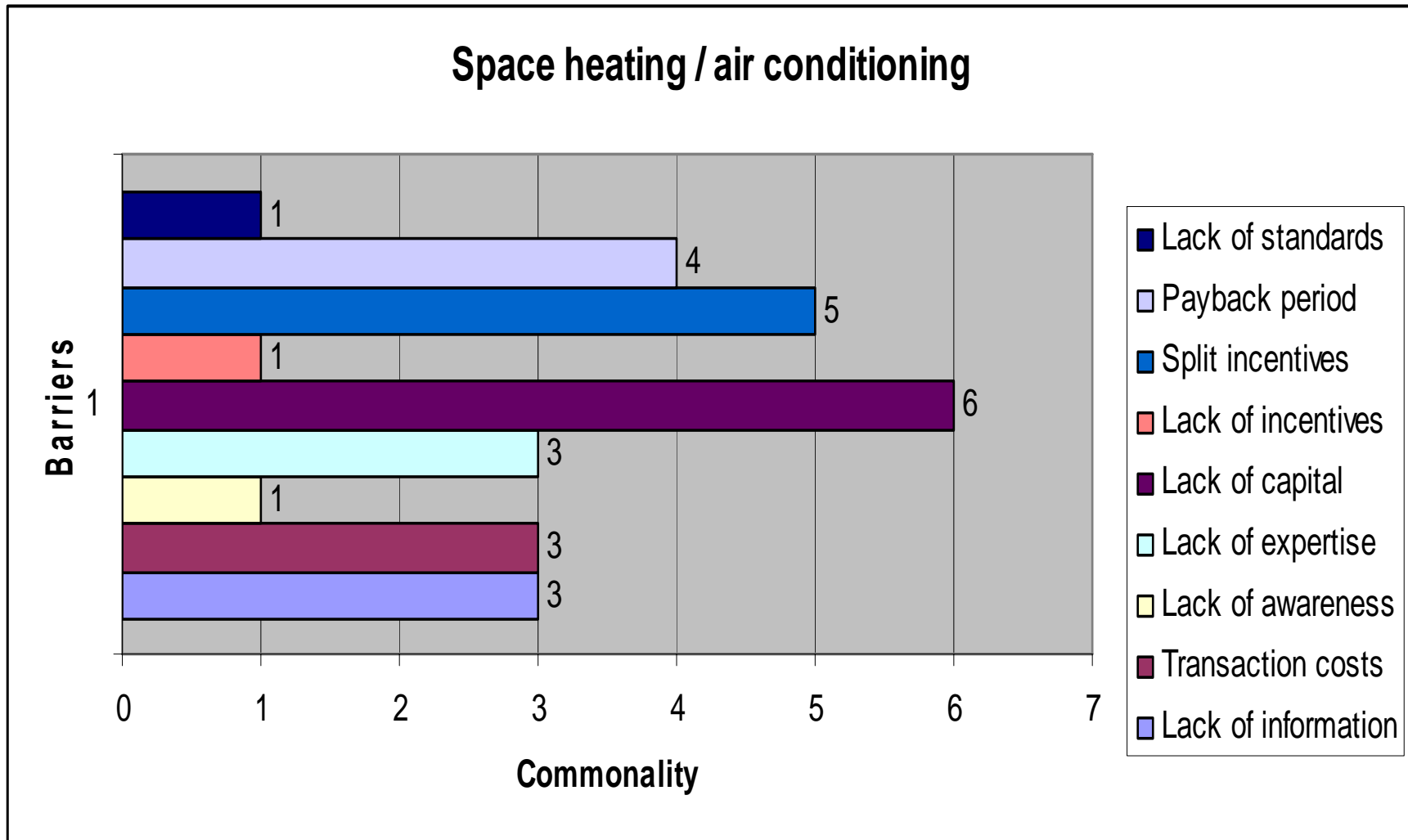
# Commercial lighting – Barriers



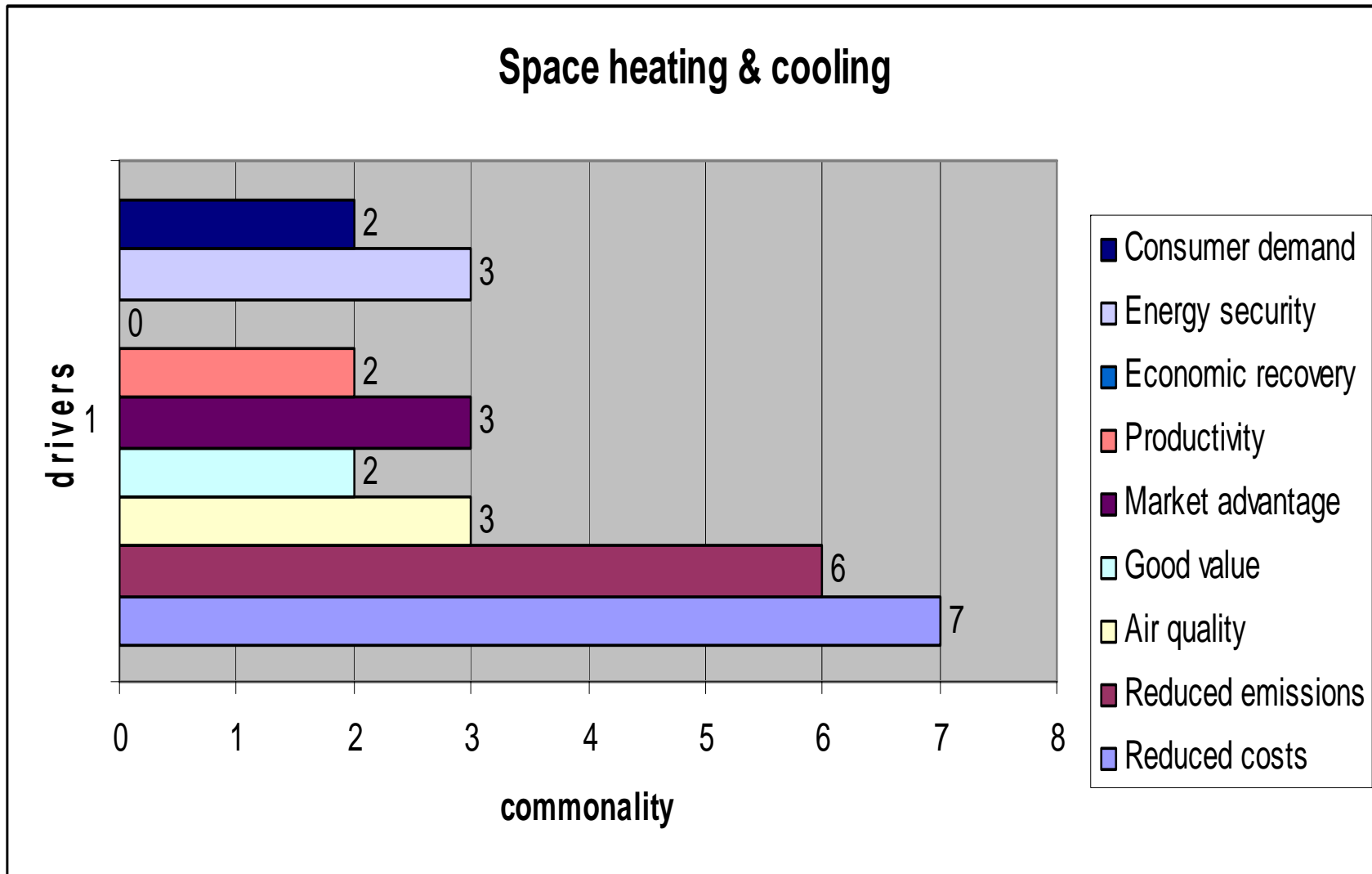
# Commercial lighting – Drivers



# Space heating/air con – Barriers

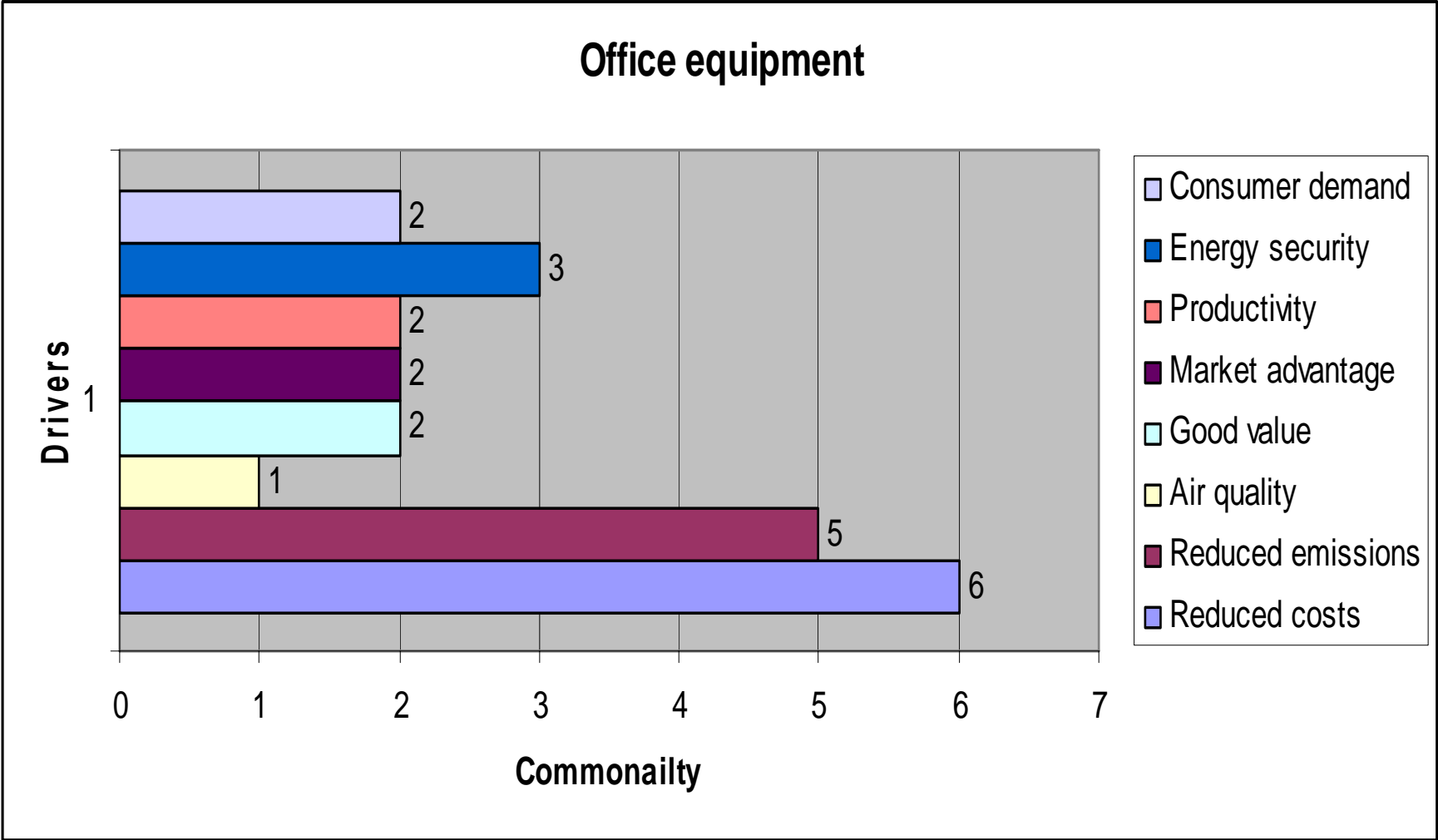


# Space heating/air con –



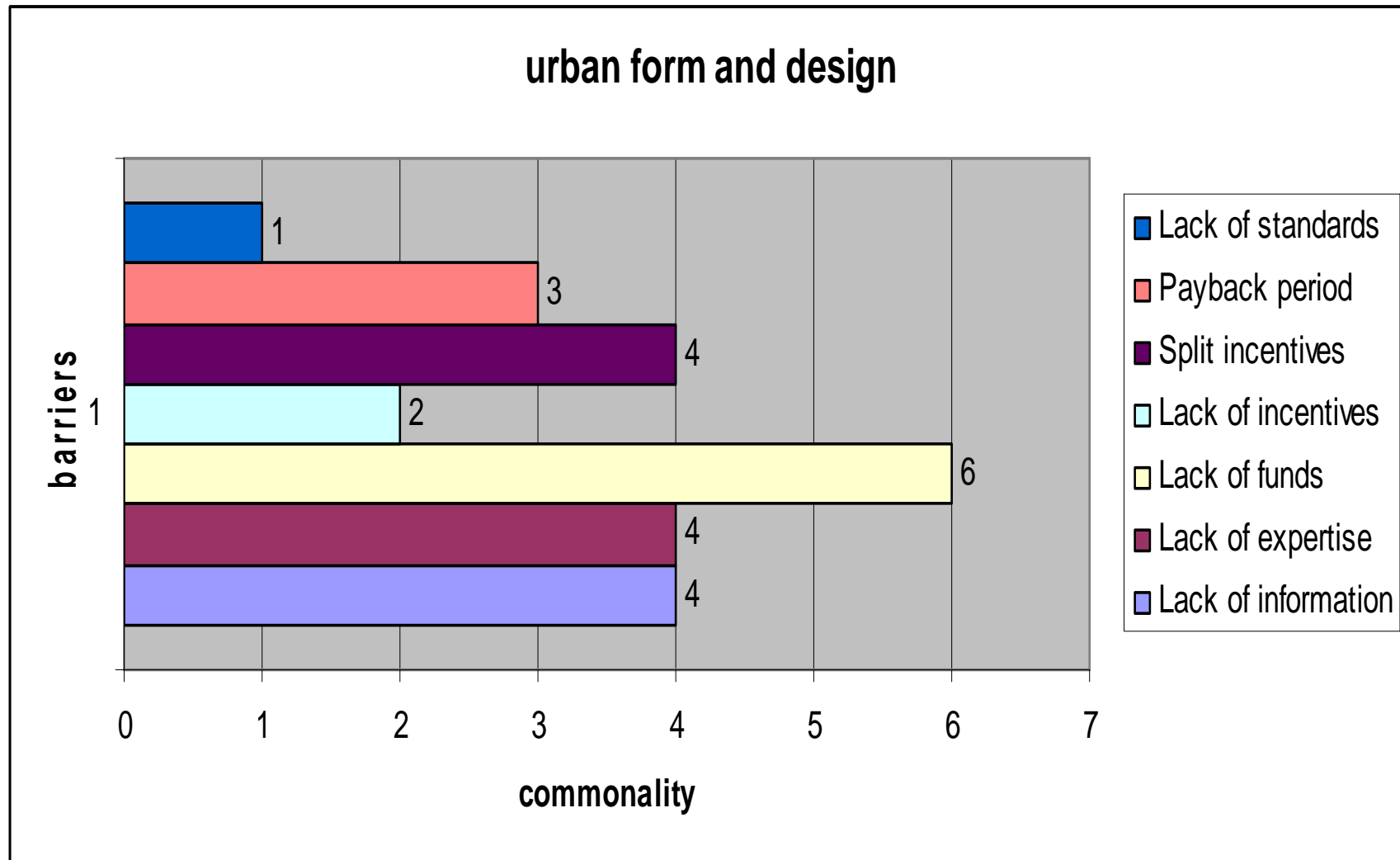


# Office equipment efficiency – Drivers

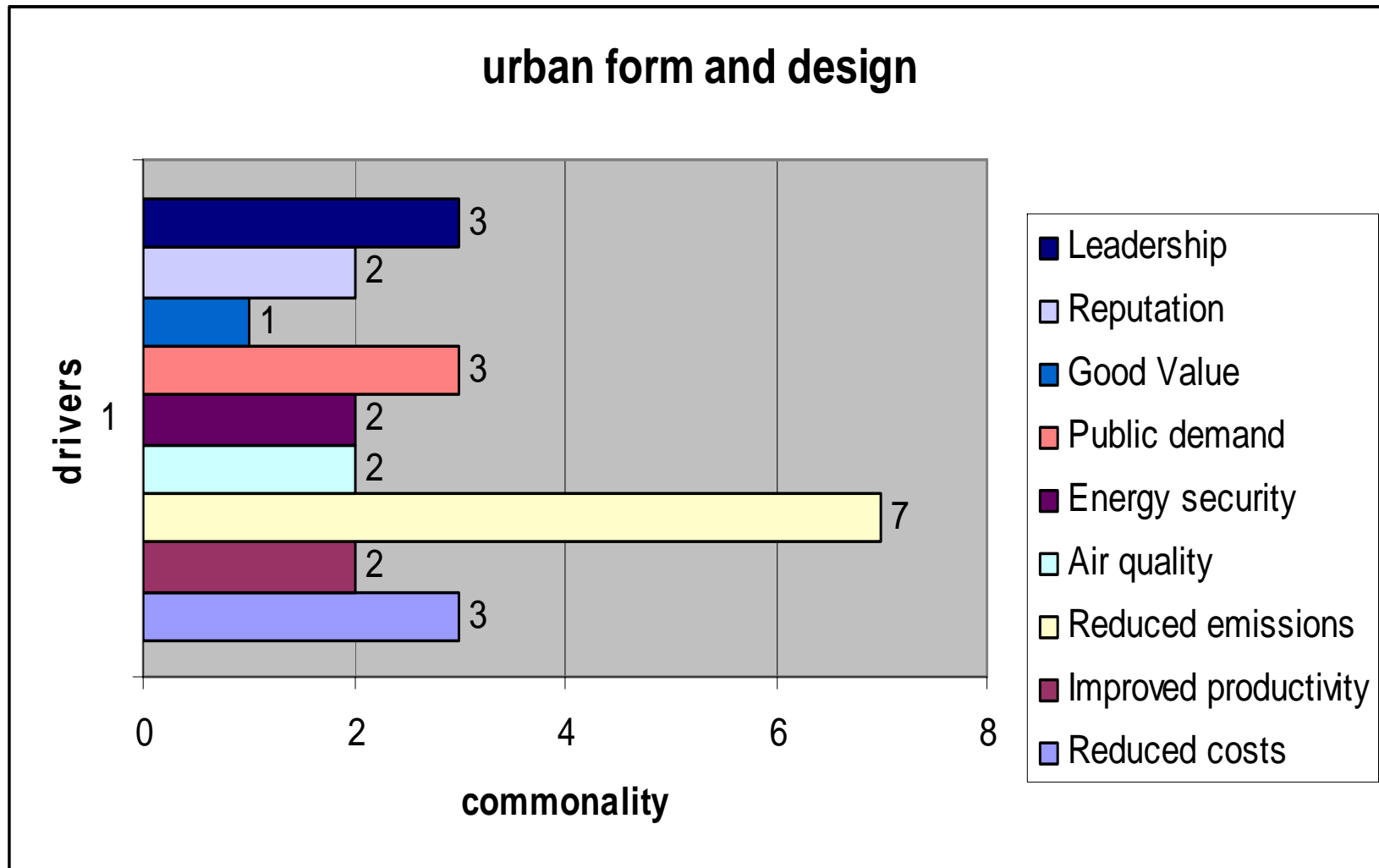


# Sustainable cities

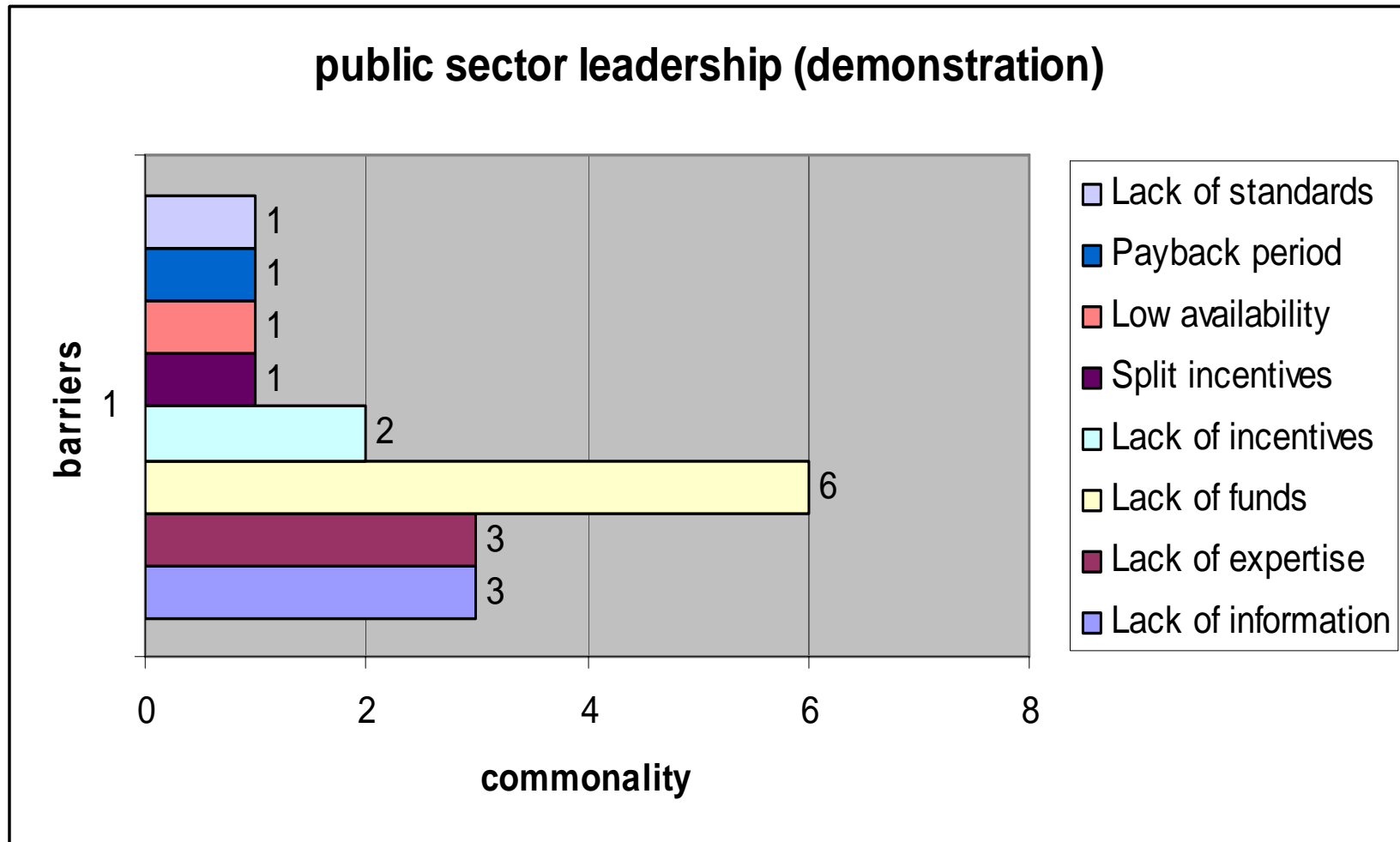
# Urban Form and Design – Barriers



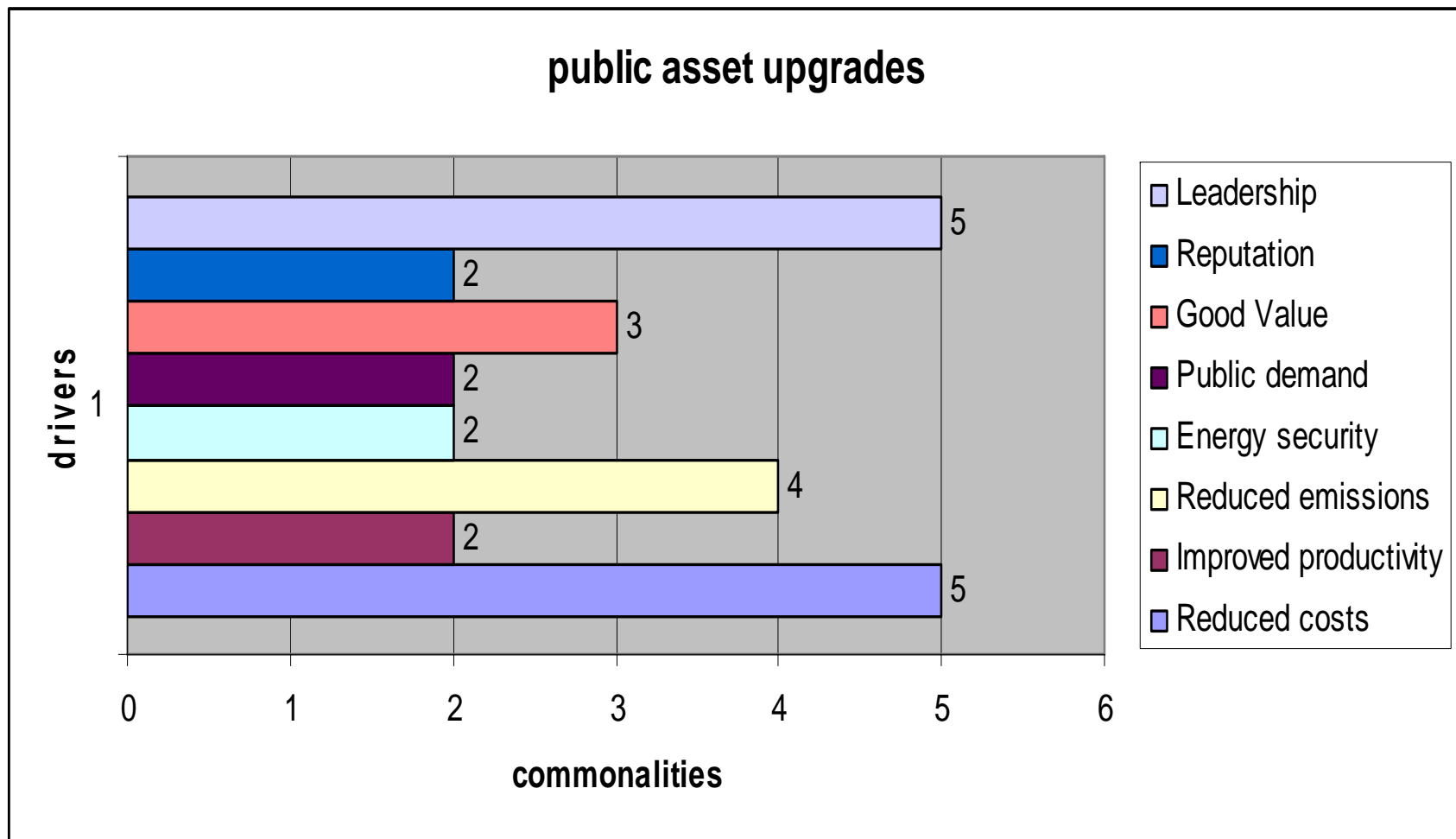
# Urban Form and Design – Drivers



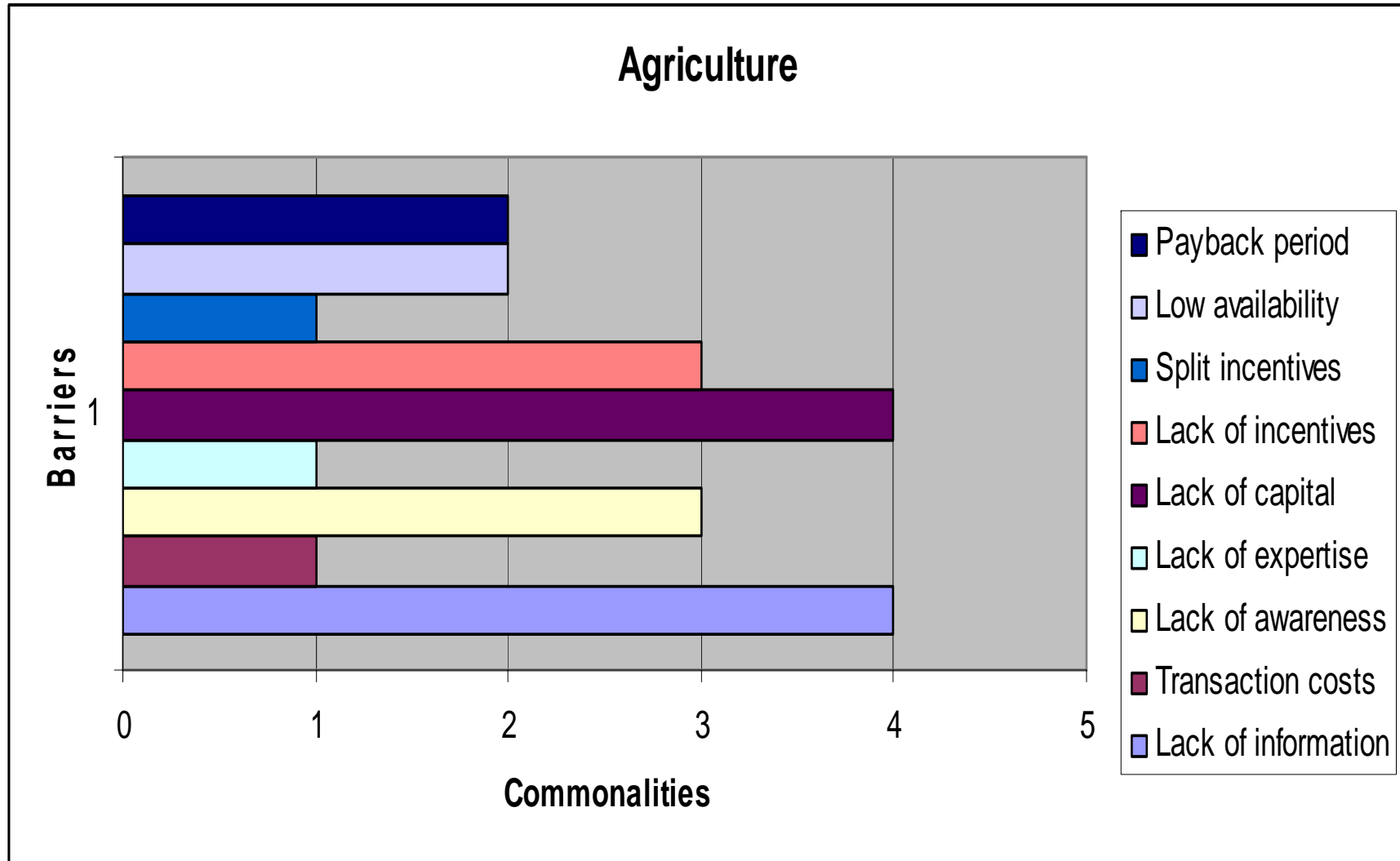
# Trialling new technology in public sector – barriers



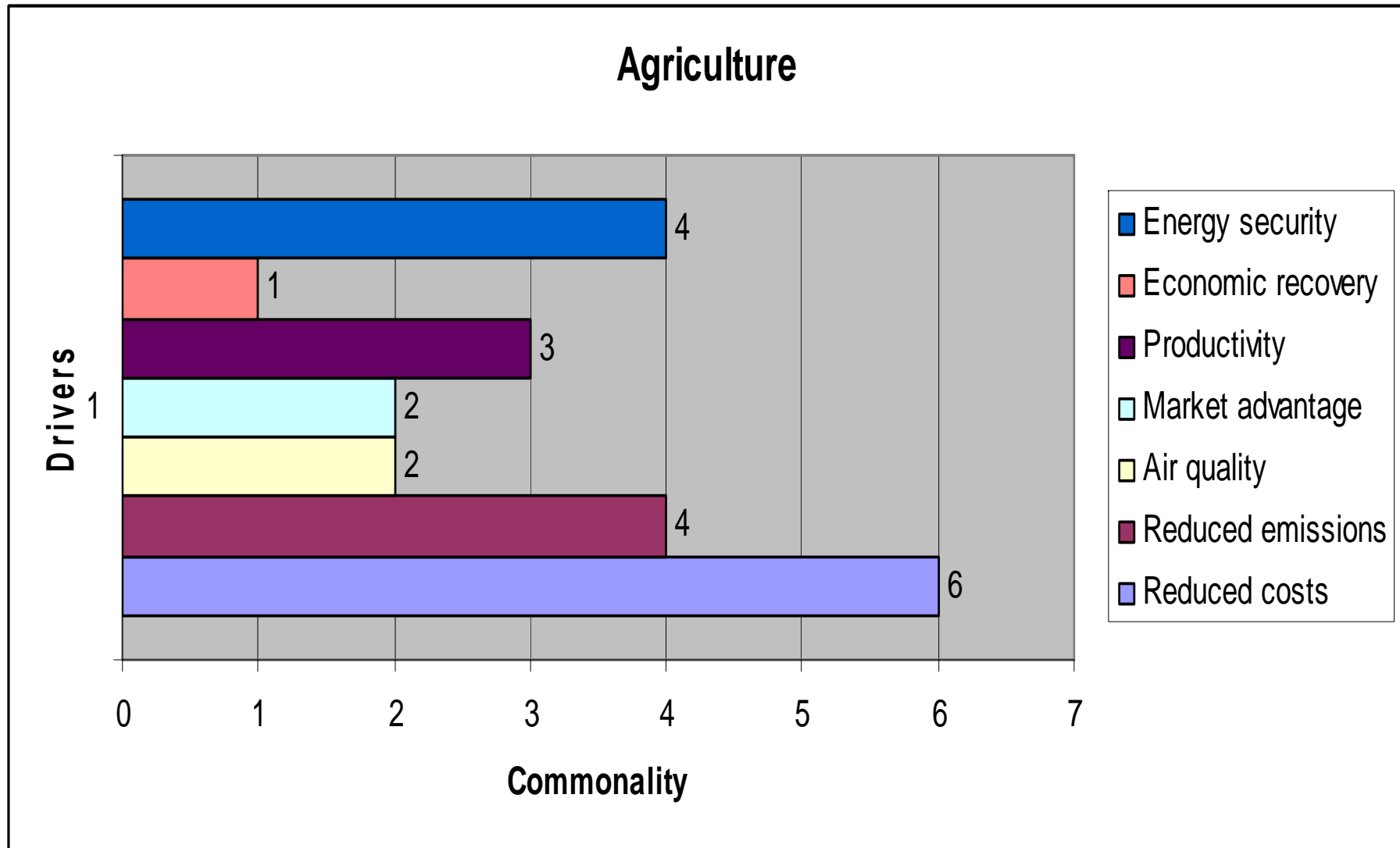
# Trialling new technology in public sector – Drivers



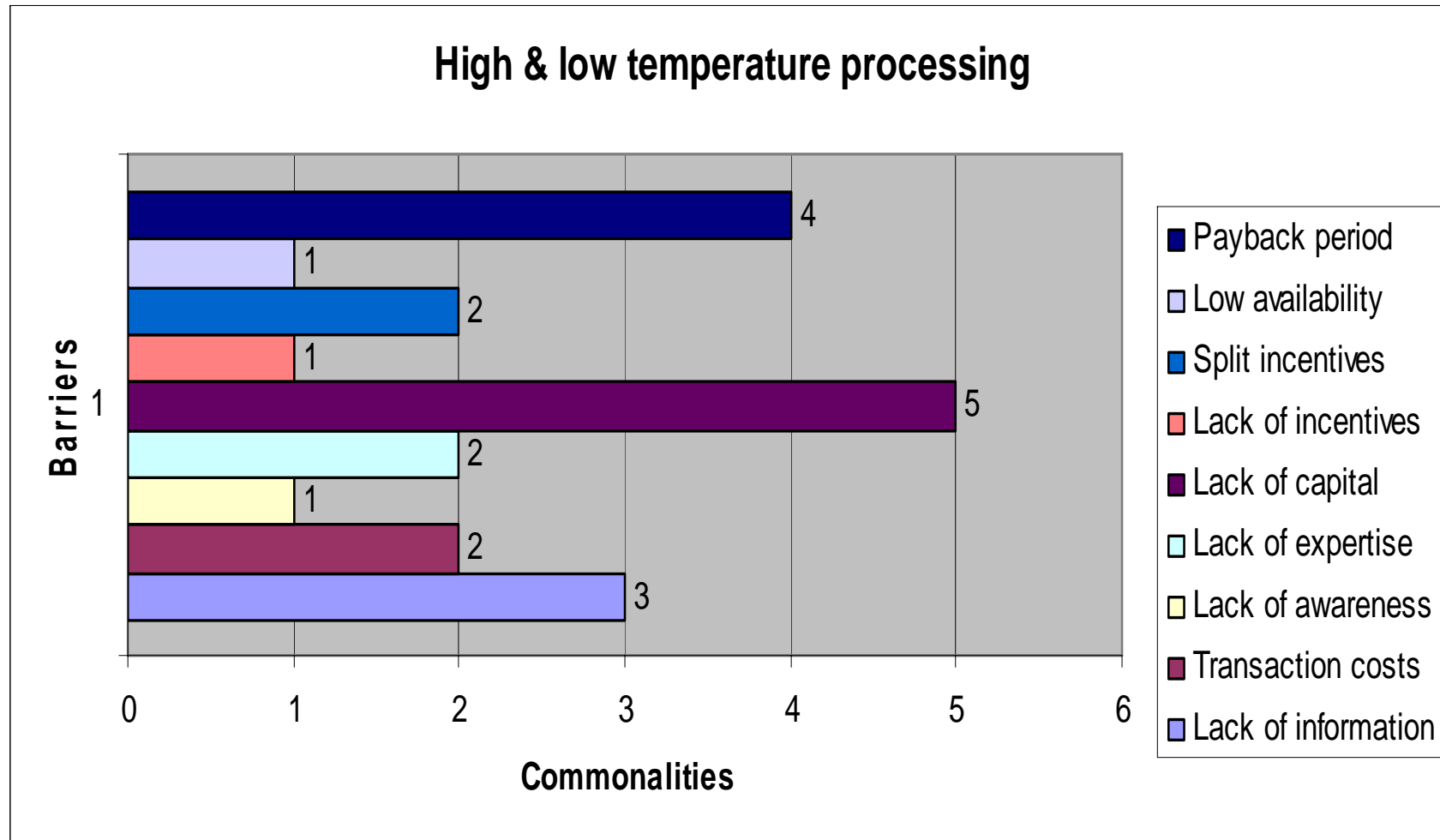
# Agriculture Barriers



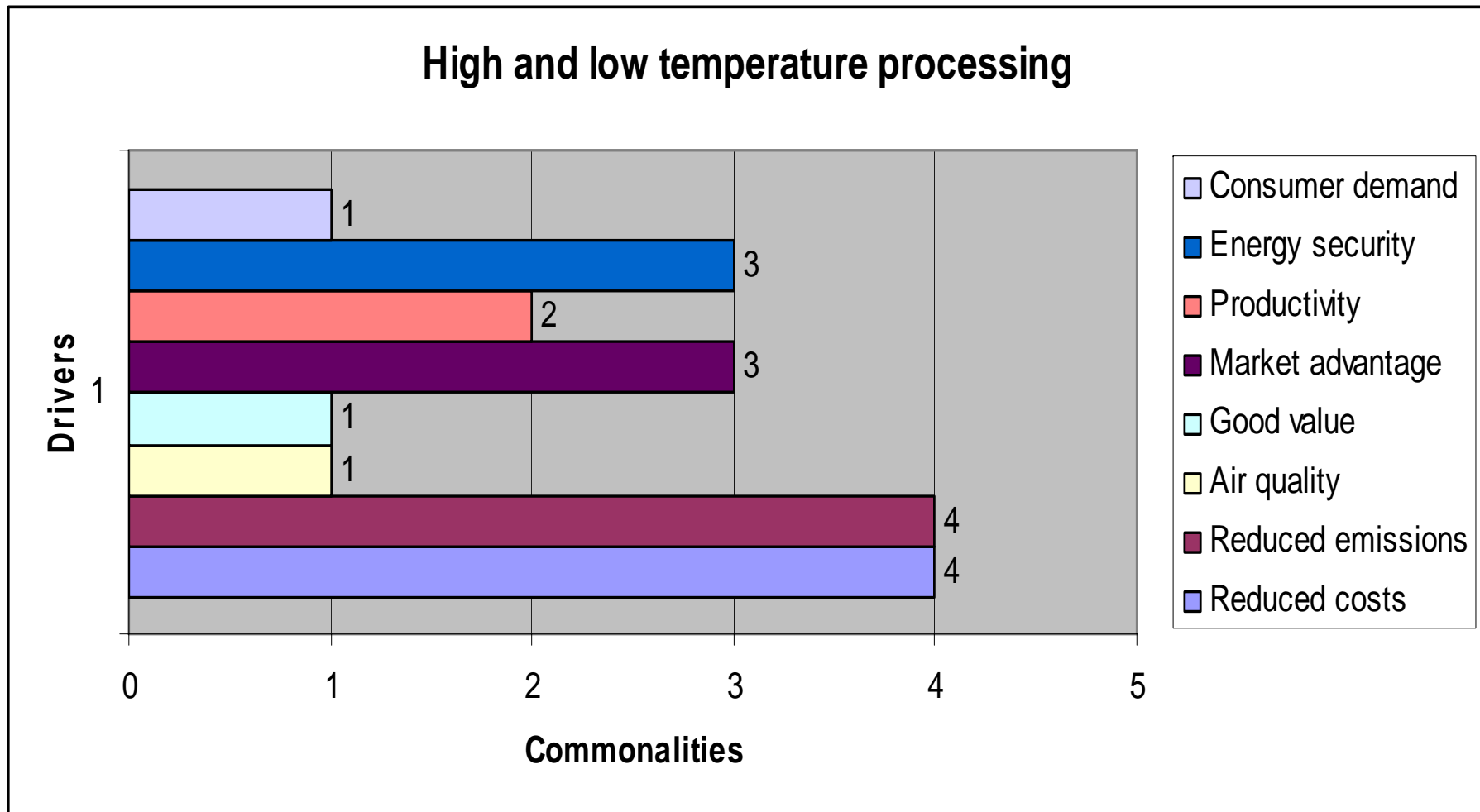
# Agriculture Drivers



# High and low temperature processing – Drivers

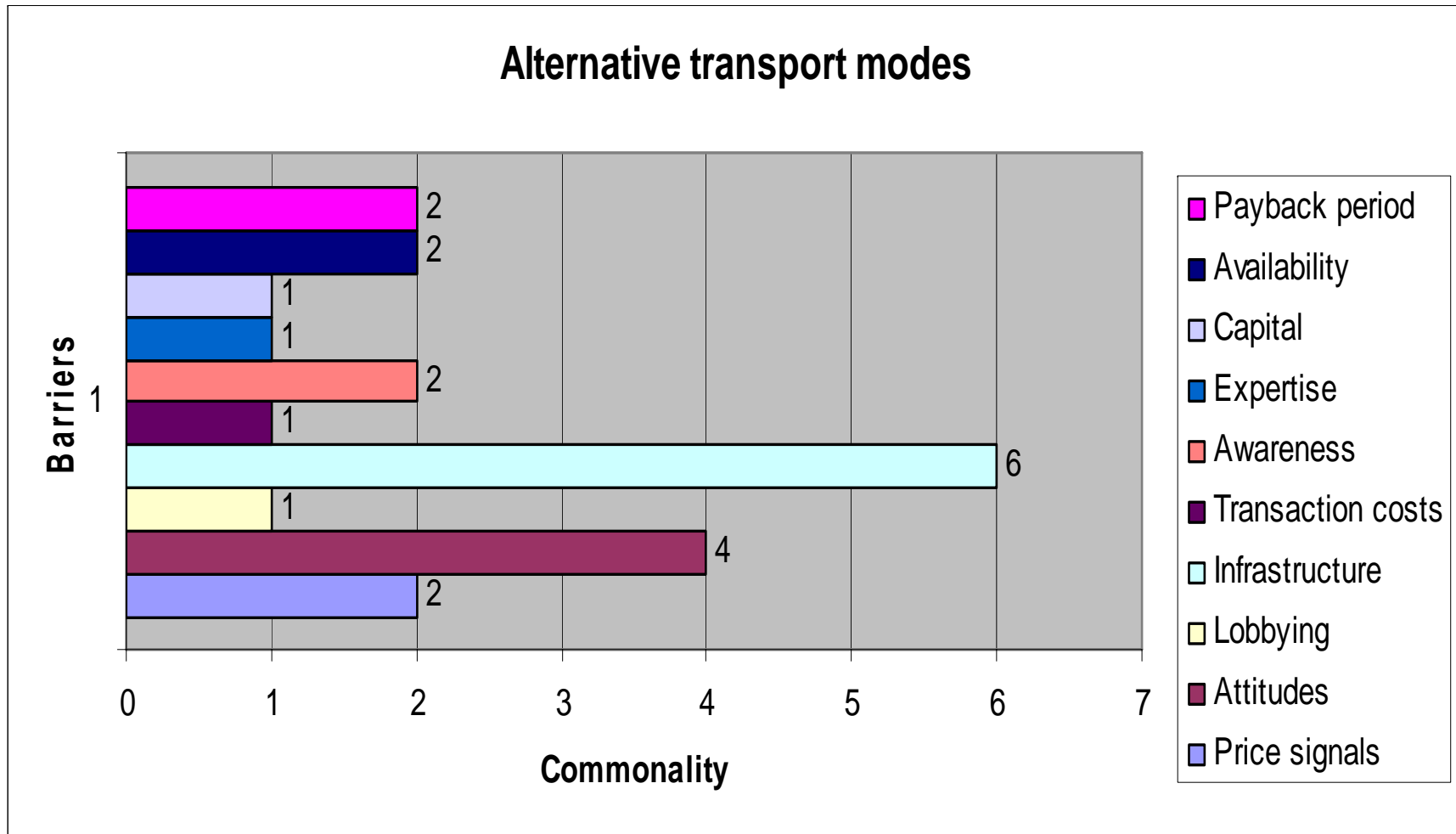


# High and low temperature processing - Drivers

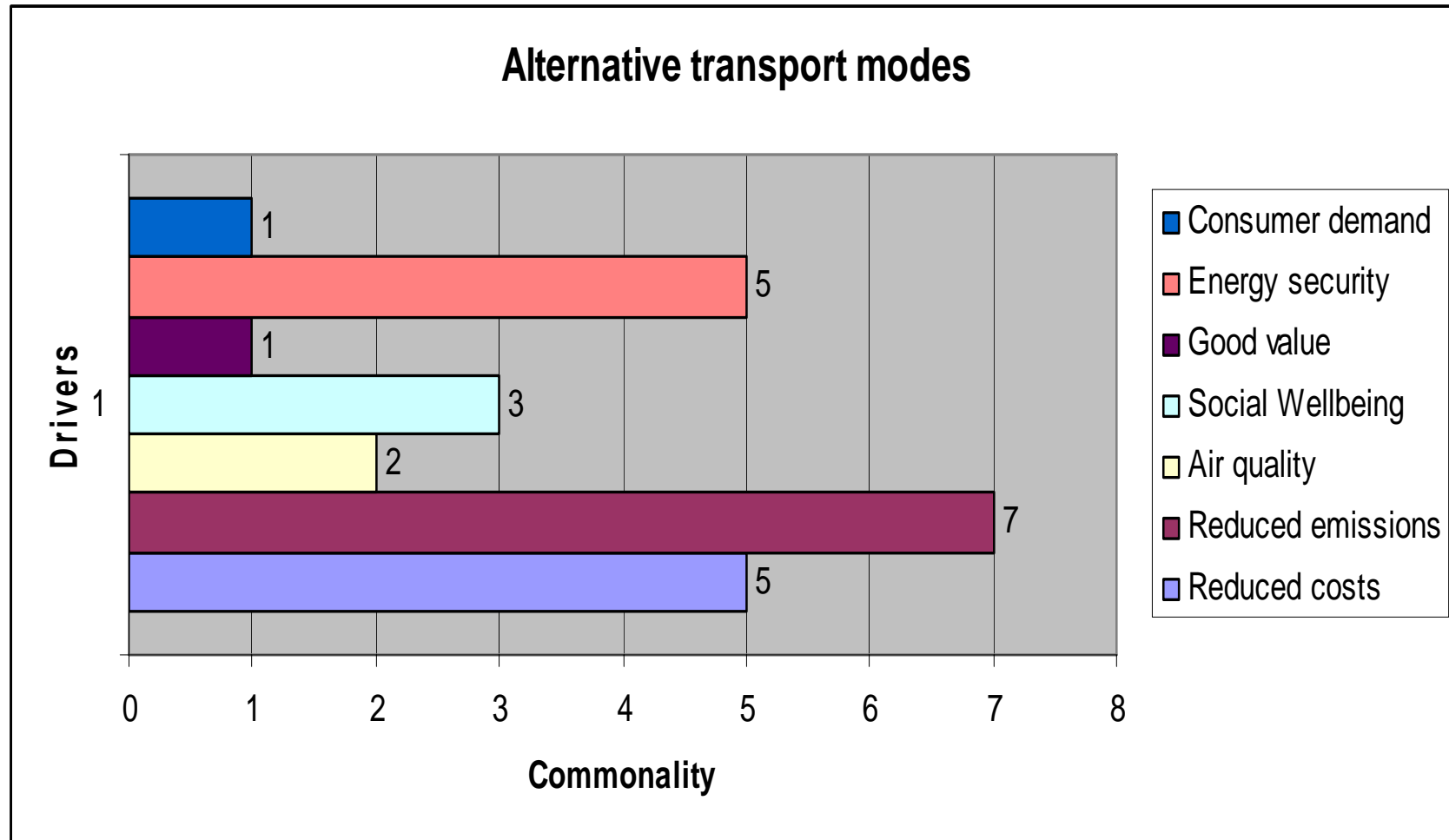


# Energy efficiency & renewable energy in transport

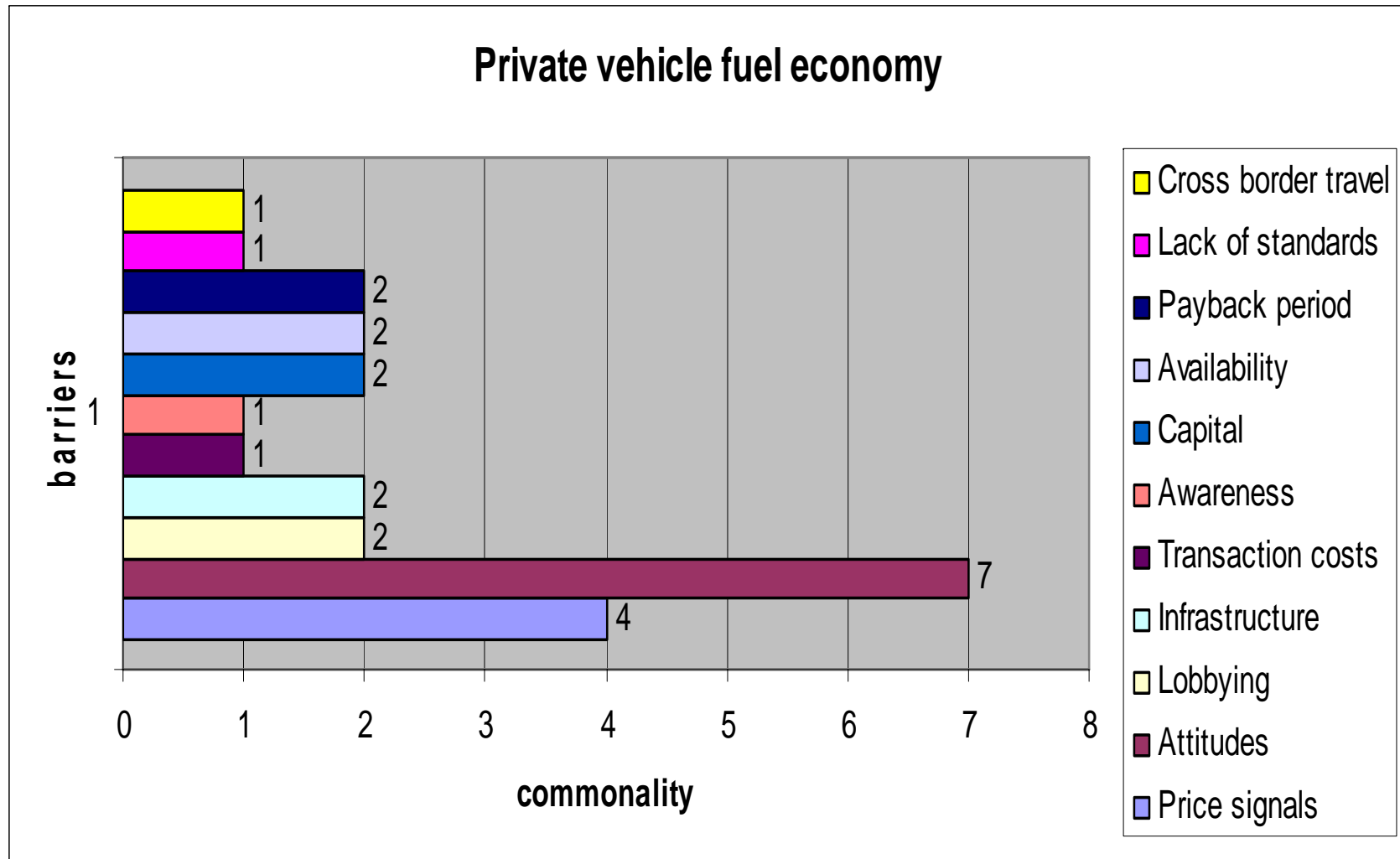
# Alternative transport modes – Barriers



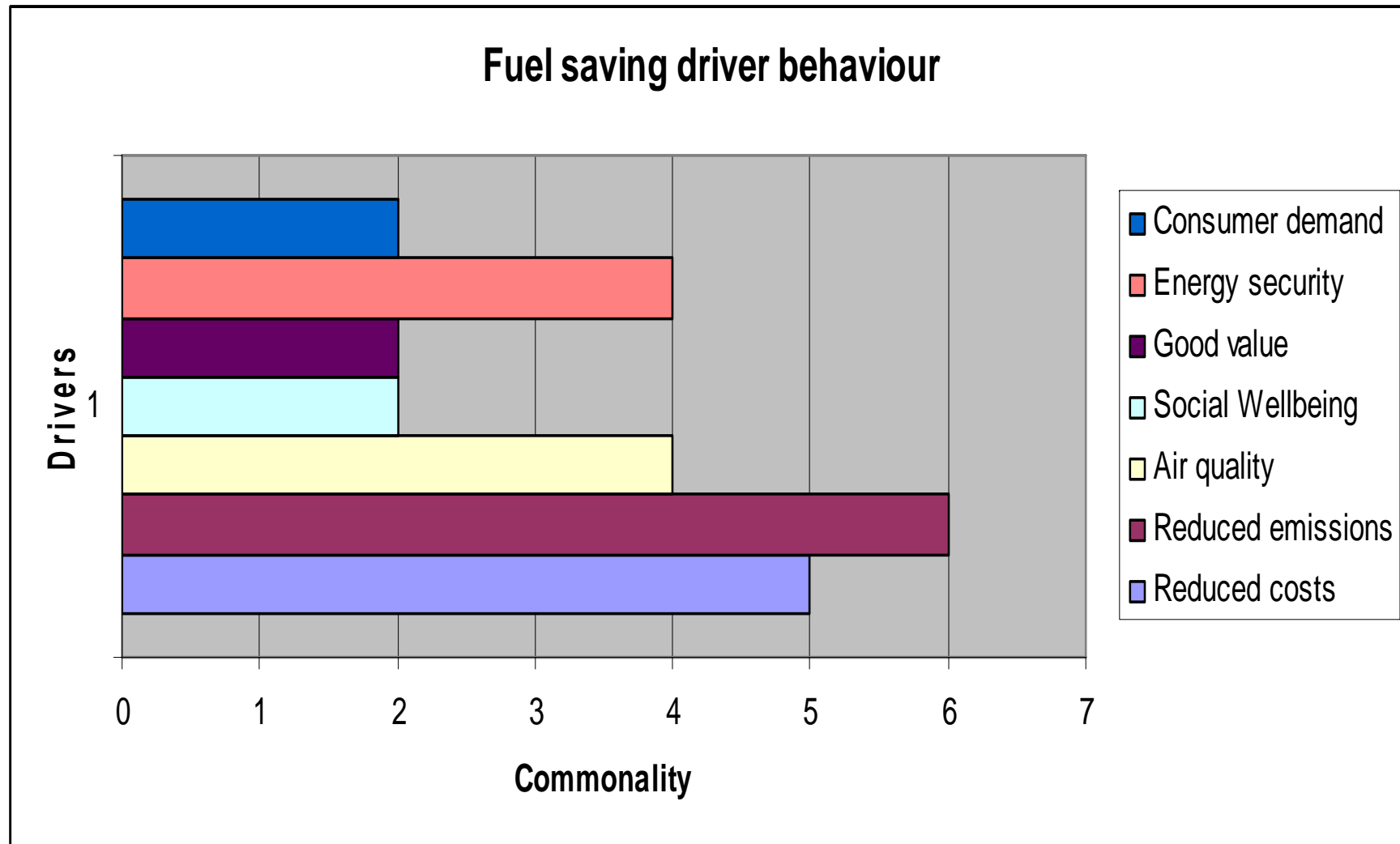
# Alternative transport modes – Drivers



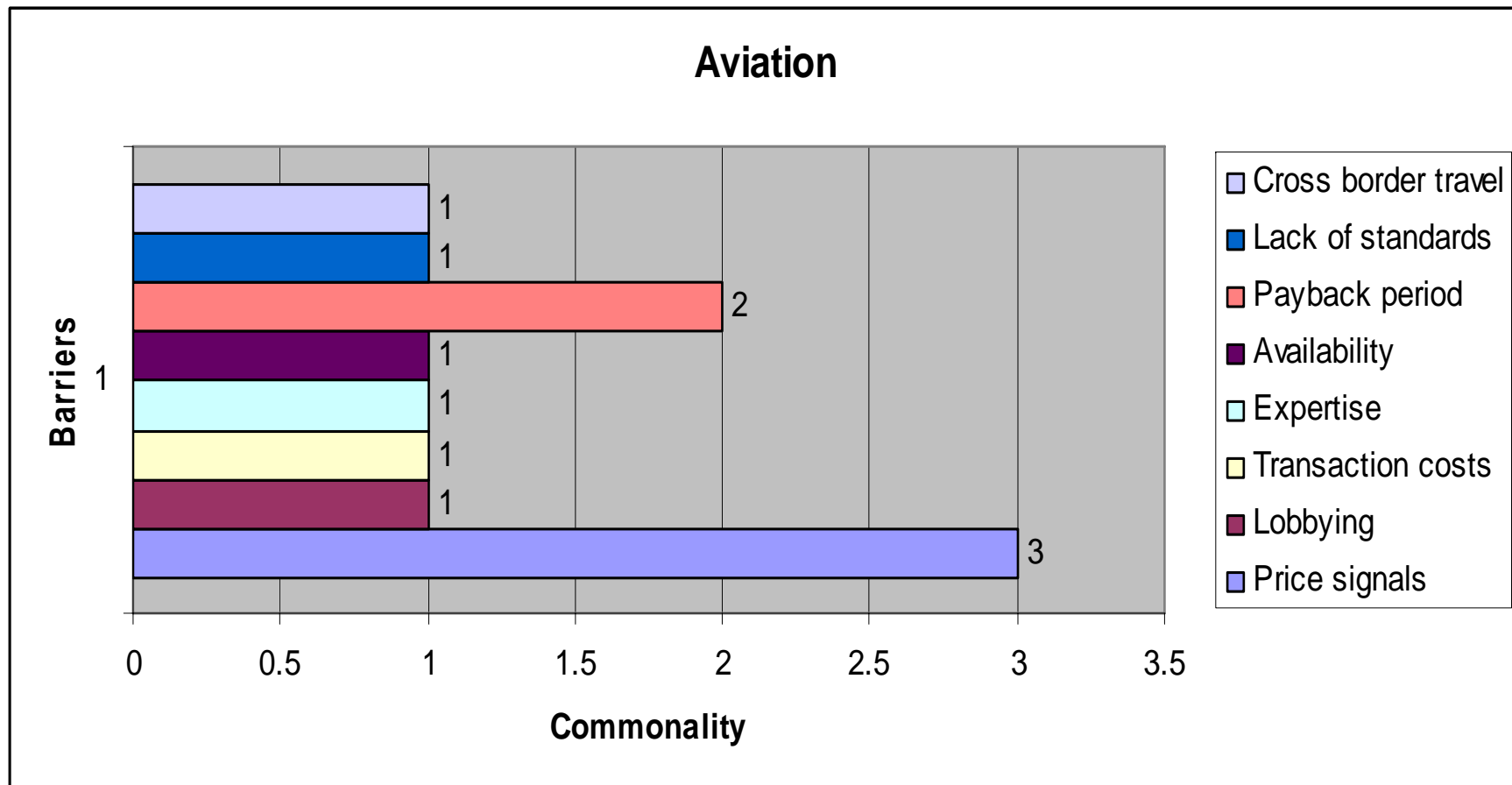
# Private vehicle efficiency – Barriers



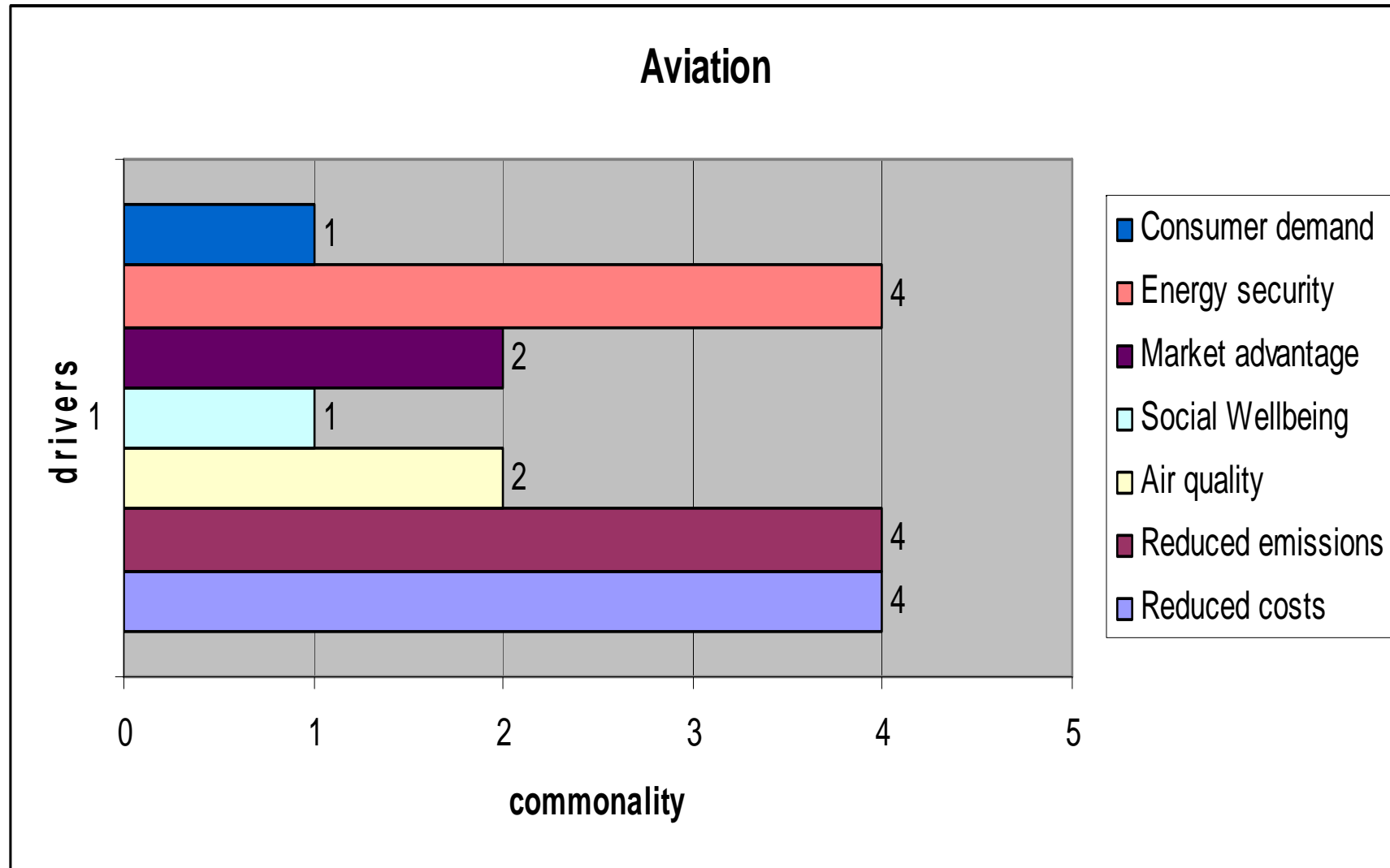
# Private vehicle efficiency – Drivers



# Aviation efficiency – Barriers



# Aviation efficiency – Drivers



# Smart Grids

# Smart Grids

EGEEEC interest in Smart Grids links with:

- Potential to conserve household energy
- Potential to reduce the need for marginal energy supply during peak demand
- Use of home area networks and smart-enabled appliances to conserve energy
- Links between renewable energy supply, use and electric vehicles