**Constraints to Solar Technology**

**Problem:**
Increasing Energy Consumption and Decreasing Energy Resources

**Constraint:** Limitation or Restriction

**Possible Constraints:**
- Infrastructure
- Materials Supply
- Labour
- Government
- Costs

**Solutions:**
- Local power generation on rooftops
- Grid power generation – abandoned fields
- Silicon supply is virtually unlimited
- A new industry would cause an increase in jobs
- Labour can be specialized
- Possible government subsidies
  - Gov’t subsidies have been crucial to every industry
- 20,000 km² of barren land in USA
- On average, an American’s disposable income is $34,753

**Problems:**
- Strong Lobbying for the oil industry
- Large initial investment
  - Rely on Gov’t subsidies

**Consequences**
- Ideally, Solar technology can be a leader in 4 years.
- Industries usually take longer to establish but we can assume that solar will establish faster than oil
- Greener society
- New Industry → employment, money