

**acatech – NATIONAL ACADEMY OF  
SCIENCE AND ENGINEERING**

**BILAT USA 2.0 EU-US Innovation Conference**  
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# National Academy of Science and Engineering

## > The institution

- Think Tank giving policy advice to the national and state government
- Established in 2008
- Patron: President Joachim Gauck

## > Two pillars: business & science

- Members (420) in Germany and abroad, research institutions, universities
- Senators (105) DAX companies, SMEs, technology-orientated businesses



The Presidents of acatech:  
Henning **Kagermann** &  
Reinhard F. **Hüttl**

## Three key topics - One overall goal

**Creating value & employment  
in Germany**

**Energy, Resources,  
and Sustainability**

**Education &  
Technology-  
Communication**

**Technologies**



**Working Groups**

**International Activities**

Euro-CASE | **Transatlantic Innovation Dialogue** | Internet & Digital Privacy  
STS forum | China strategy

## Projects

### Transatlantic Innovation Dialogue



Platform for the strategic exchange on transatlantic innovation topics

- > **Stakeholder-Workshop** (09/2014) on „Digital Economy“
- > **NAS/acatech conference** (07/2013) on „German - U.S. Innovation Policy“
  - The Energy System Development
  - Smart manufacturing in a transatlantic perspective
- > **Future Workshops:** Digitalization, Energy systems, Cyber Security, IIC

### Innovation Dialogue



National high-level panel with Chancellor Merkel

- **International benchmark** of innovation systems
- Innovation potentials through **digitalization**



### Industrie 4.0 / Smart Service World



Recommendations & policy advice

- Bavarian digitalization process
- Multistakeholder workshops, roundtables



## Key Findings & Lessons Learned

### > **Role of government:**

- Different perceptions: “let the private sector run with the ball” vs. “An every increasing pressure to innovate meets a tendency to interfere with market activity.”
- Support of the national innovation system
- International comparison

### > **Global challenges:**

- Cooperation is necessary
- “No one has the option of going alone”
- Role of other more influential becoming geographical regions
- TTIP – to set norms and standards

### > **Education:**

- Dual Education System, STEM