

# CESAER

conference of european schools  
for advanced engineering education  
and research

## ACADEMIC FREEDOM: A UNIVERSAL RIGHT AT STAKE!?

SWISS ACADEMIES  
BERNE, 8<sup>TH</sup> DECEMBER 2017

DAVID BOHMERT (SECRETARY GENERAL)

# AIMS

1. **learn from each other**: share information & best practice in higher education, research, innovation & university governance
2. **influence key bodies**: aid policy-makers & funders to shape European strategies, policies & funding programmes
3. **participate in European funding programmes**
4. **promote our strengths globally**: support Members in displaying their excellence & distinctiveness at European level & beyond
5. **advance debate on key issues**: promote reflection & understanding of role of science & technology in open knowledge societies

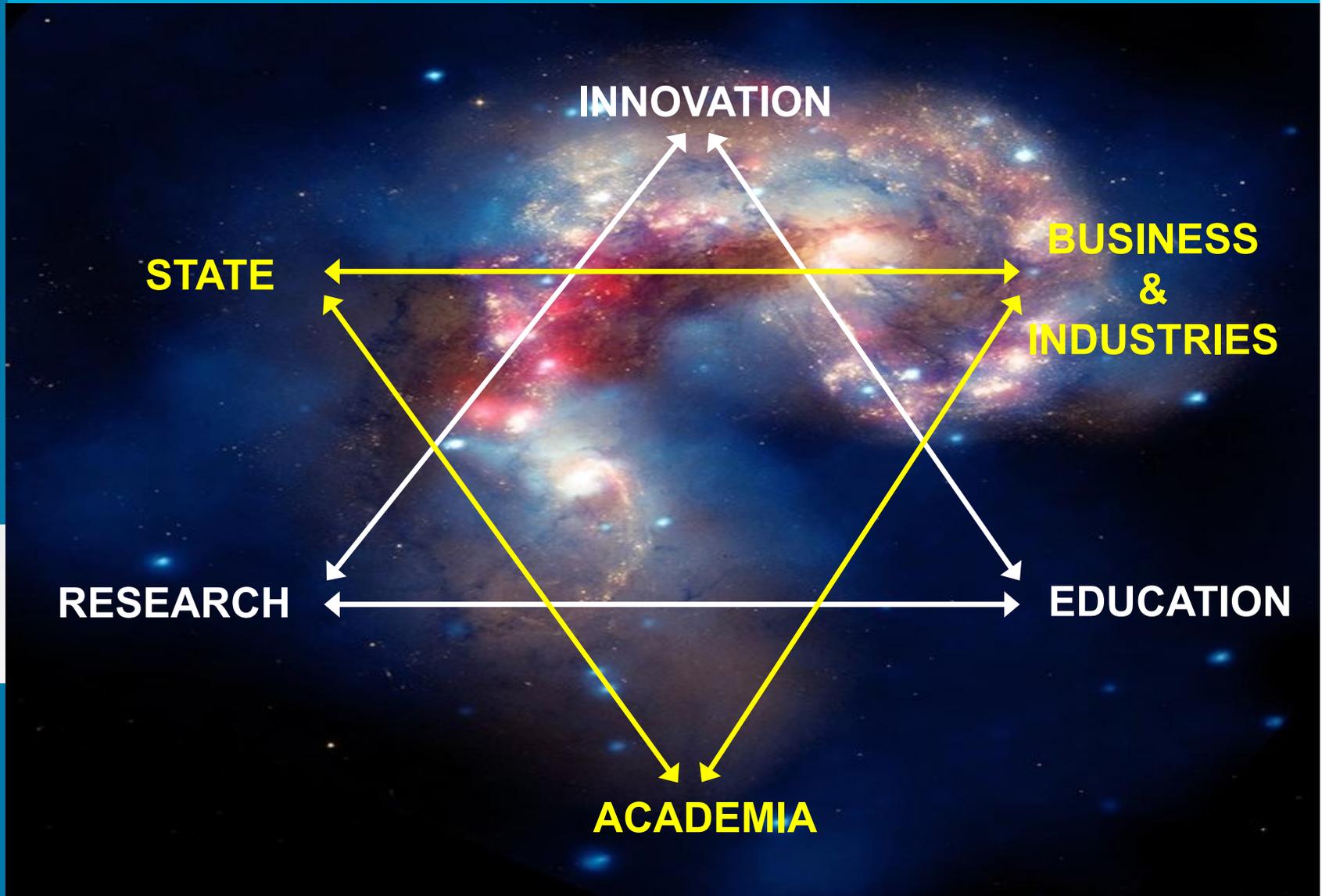
# VALUES

- **research integrity, academic freedom and institutional autonomy** as laid down in European Code of Conduct for Research Integrity, European Charter for Researchers & Code of Conduct for Recruitment of Researchers, Lima Declaration on Academic Freedom and Autonomy of Institutions of Higher Education, Utrecht Declaration on Academic-Freedom and *Magna Charta Universitatum*
- **sustainable peace and prosperity** incorporating respect for rule of law and human rights, democratic citizenship, evidence-based policy making and free circulation of knowledge, as laid down in United Nations Sustainable Development Goals, Charter of the United Nations, Universal Declaration of Human Rights, European Convention on Human Rights

... ONCE UPON A TIME ...



# SUBMISSION, NATIONALISATION, SUBJUGATION



# SCIENCE & TECHNOLOGY IN 21<sup>ST</sup> CENTURY

**ARTIFICIAL INTELLIGENCE**  
**ROBOTICS**  
**BIG DATA**  
**QUANTUM COMPUTING**  
**CLOUD COMPUTING**  
**BLOCK CHAIN**  
**INTERNET OF THINGS**  
**SOCIAL MEDIA**  
**ON-LINE PLATFORMS**  
**3D PRINTING**  
**CRISPR**  
**GENE DRIVE**

**PRIVACY**  
**ACCOUNTABILITY**  
**DEMOCRACY**  
**PROPERTY**  
**CONTROL**  
**SAFETY**  
**SECURITY**  
**SUSTAINABILITY**  
**HUMAN DIGNITY**  
**IDENTITY**  
**SOCIAL COHESION**



# VALUE PLURALISM

**PRIVACY**  
**AUTONOMY**  
**EQUITY**  
**JUSTICE**  
**DIGNITY**  
**WELLBEING**  
**HAPPINESS**  
**SAFETY**  
**SECURITY**  
**SUSTAINABILITY**  
**HEALTH**  
**FRIENDSHIP**  
**SOLIDARITY**

**CONFLICT  
DILEMMA**

**DEPENDABILITY**  
**USABILITY**  
**RESILIENCE**  
**RELIABILITY**  
**EFFICIENCY**  
**FLEXIBILITY**



# MORAL OVERLOAD

**PROSPERITY AND SUSTAINABILITY**

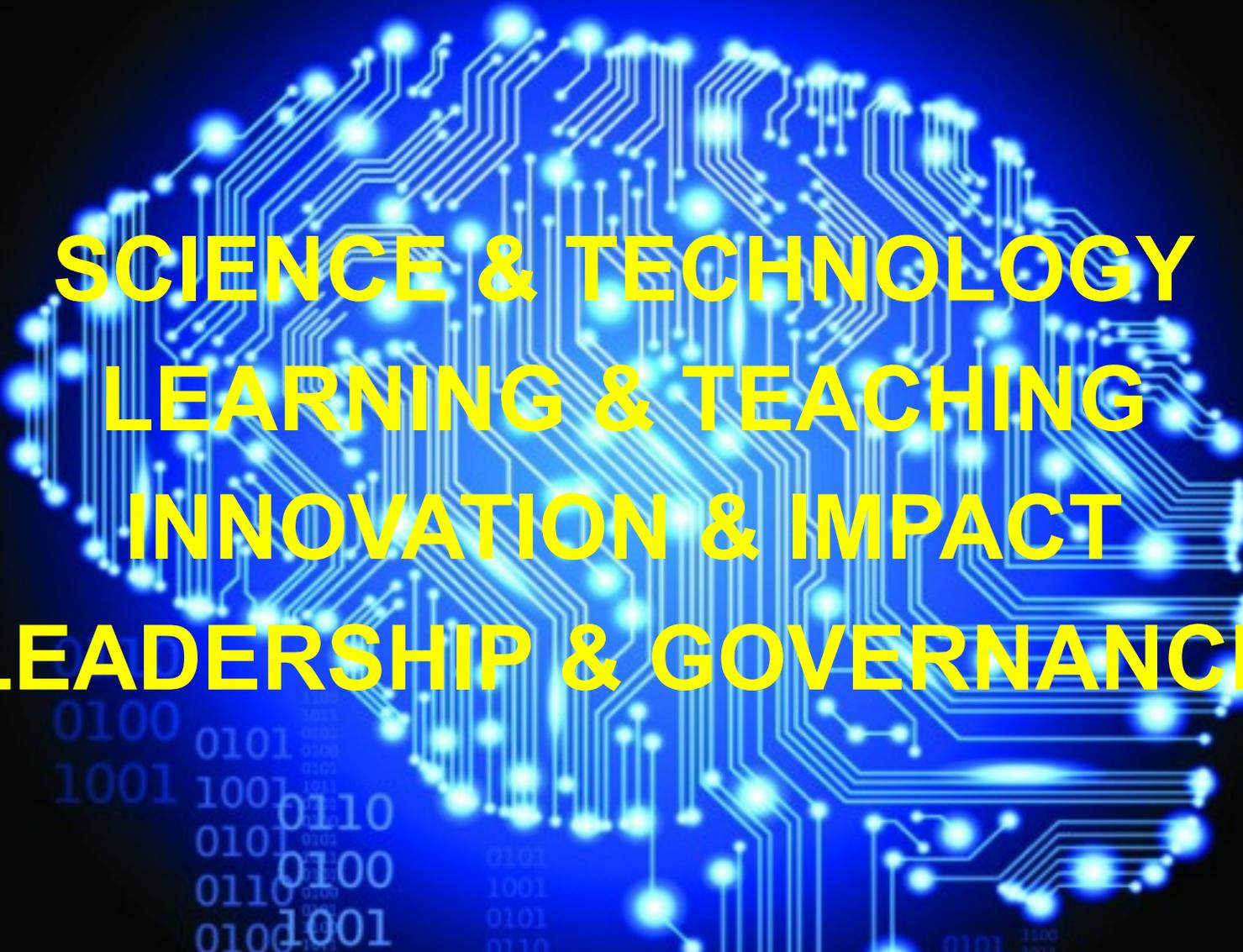
**SECURITY AND PRIVACY**

**EFFICIENCY AND SAFETY**

**ACCOUNTABILITY AND CONFIDENTIALITY**



FROM HOMO SAPIENS TO HOMO DEUS:  
VALUE DRIVEN ...



**SCIENCE & TECHNOLOGY**  
**LEARNING & TEACHING**  
**INNOVATION & IMPACT**  
**LEADERSHIP & GOVERNANCE**



# SCIENCE & TECHNOLOGY FOR 21<sup>ST</sup> CENTURY: TRANSHUMANISM



# UNIVERSITIES - I.E. STUDENT, TEACHERS, RESEARCHERS & LEADERS - MUST ...

- confine with obligation to advance public debate on role of S & T in open knowledge societies
- adhere to & enforce specific & generic values
- adopt long term historical perspective to effectively fight current attacks on academic freedom & institutional autonomy
- acknowledge submission to state through new public management, competitive funding & modernisation of HE
- admit & end collaboration in subjugating academia to business & industry under myth of triple helix
- prepare for S&T challenges of 21<sup>st</sup> century
- assure value-driven S&T, learning & teaching, innovation & impact & leadership & governance
- depart from UN SDGs, further transhumanism & re-establish equilibrium of autonomous societal players

