EURO(PE) and SPACE

Jan Wörner
European Space Agency
ESA Convention 1975:
„...to establish a single European space organisation...“

ESA today:
Shift of paradigms!

Change of
- Motivations
- Actors
- Contents
- Roles
- Technologies

- Commercialisation
- spin in / spin off
- Participation
- Information
- Innovation
- Interaction
- Inspiration
- Cooperation
- Jobs & growth
- Digitalisation
ESA_Lab@
A hub for: disruptive innovation & x-fertilisation
Concept: Moon surface operations

- International
- Human & robotic
- Public & private
- Exploration
- Pioneering
- Outreach /STE(A)M
- Moon Science
- Cosmology /astronomy
- Fundamental research
- Technology
- Transportation
- Communication
- Logistics
- Resource management
- Planetary defense
- Stepping stone...

Free and open access
Wind of change

ESA: THE European Space Agency

plasma interactions between comet 67P/Churyumov-Gerasimenko and the solar wind