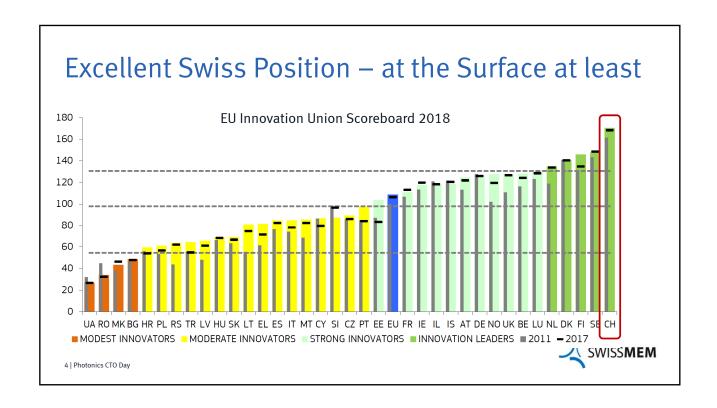
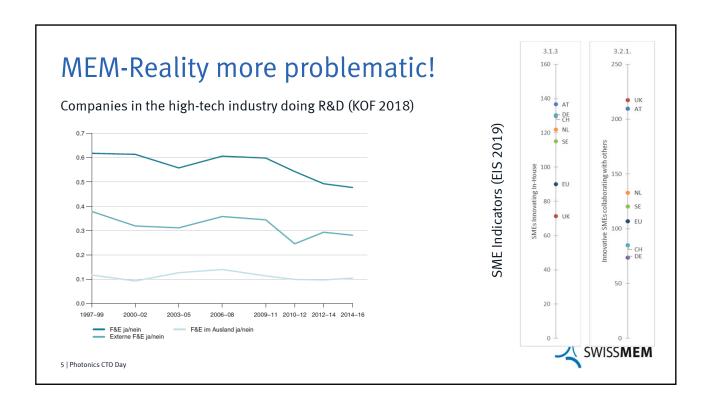


Manufacturing Industry in a Perfect Storm

- Cyclical downturn of (automotive) industry
- Decoupling: Trade- and Tech-War US vs. China
- Eurocrisis since 2009, devaluation of USD since 2020
- Digitalisation
- COVID-19
- 29.11.: Initiatives threatening export industry
- ⇒Innovation key for survival and success







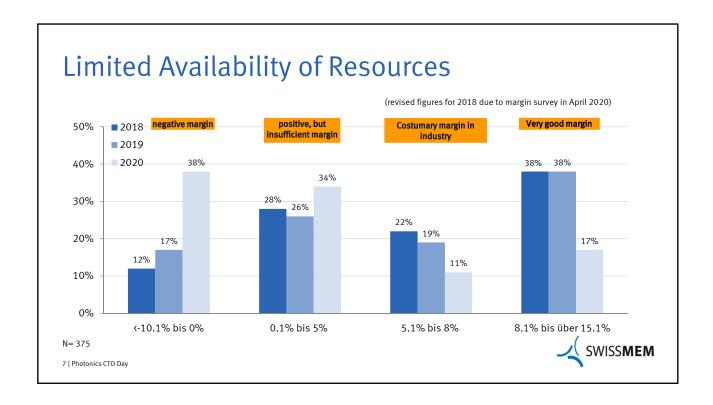
R&D Realities of SME

- Financial limits: R&D resources often below critical mass
- Manpower limits: Limited competences for adaption of new technologies
- Cultural limits: e.g. MEM-culture & IT-culture & innovation culture
- Organisational limits: new business models, new markets, new innovation methods

Consequences:

=> R&D activities at SME at risk



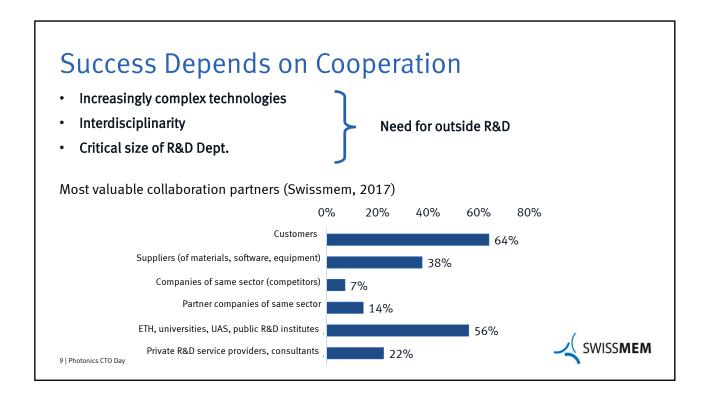


R&D in Swiss Industry: How to Bend the Trend?

Strong financial support for innovation in other countries – Swiss system in question?

- Private contributions remain key and shield from politics
- But: call for more flexibility for Innosuisse tools, better funding of Innosuisse, inspire etc. but no «subsidisation»
- And: emphasis on collaborative R&D among companies and universities, within CH and abroad
- ⇒ New culture of innovation required = Swissmem Innovation 2.0
- ⇒ Swissmem innovation campaign 2021

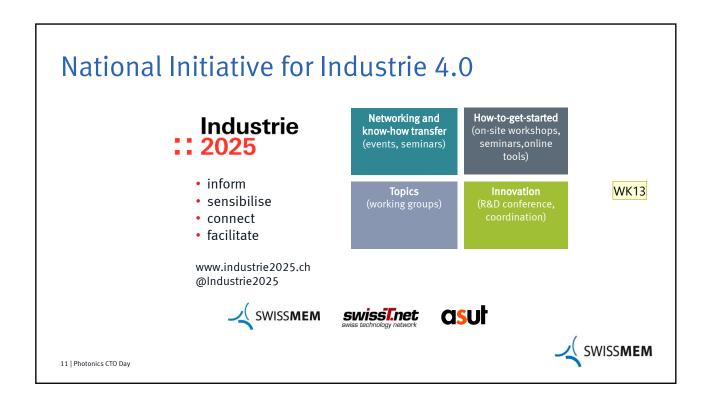


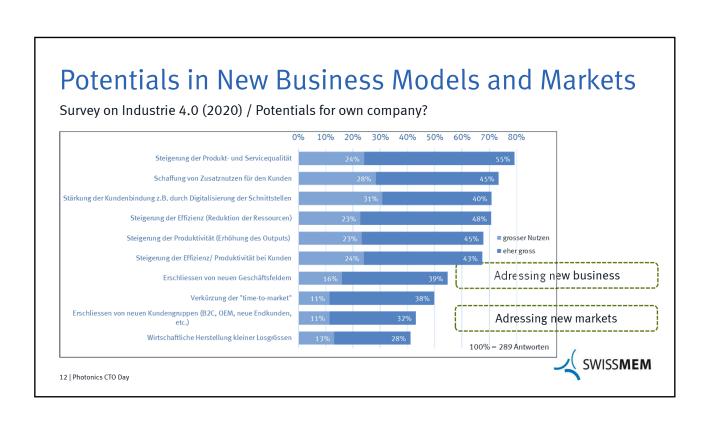


Swissmem Activities to Stimulate Innovation

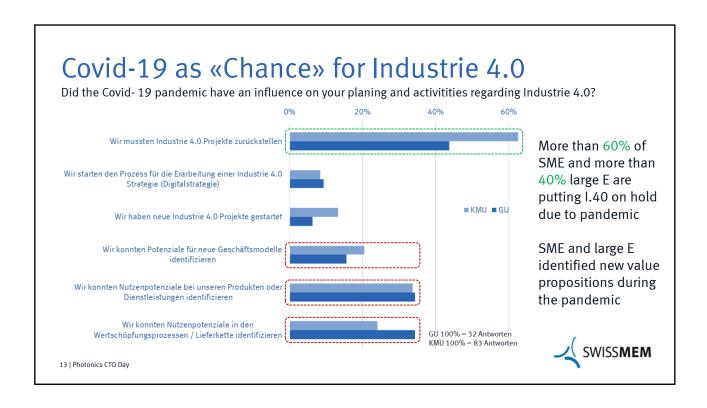
- Support of Innosuisse NTN Innovation Booster (Photonics, Additive Manufacturing, Data Booster, ...)
- Budget increase for Innosuisse (130 Mio) and technology competence centres (28 Mio) in 2021 – 2024
- Innovation Coaches for members to enable Innosuisse projects
- Swissmem Specialist Groups form networks and platforms

SWISSMEM





konkrete Ergebnisse? WK13 gibt es Best-practice Beispiele als Success-proof ?? Werner Kruesi; 12.10.2020



Mindset & Culture are essential

- From technology leadership to customer value
- · Technology: formerly driver, in the future enabler
- Challenge 1: who is doing what internally, externally
- · Challenge 2: core role of CTOs in managing the paradigm shift
- · Visionary leadership required on all levels with strong backing by top management
- The transition needs new mindset and leads to a new corporate culture
- New corporate culture key for higher standing of industry in society
- · Industry is key for future of Switzerland

SWISSMEM

