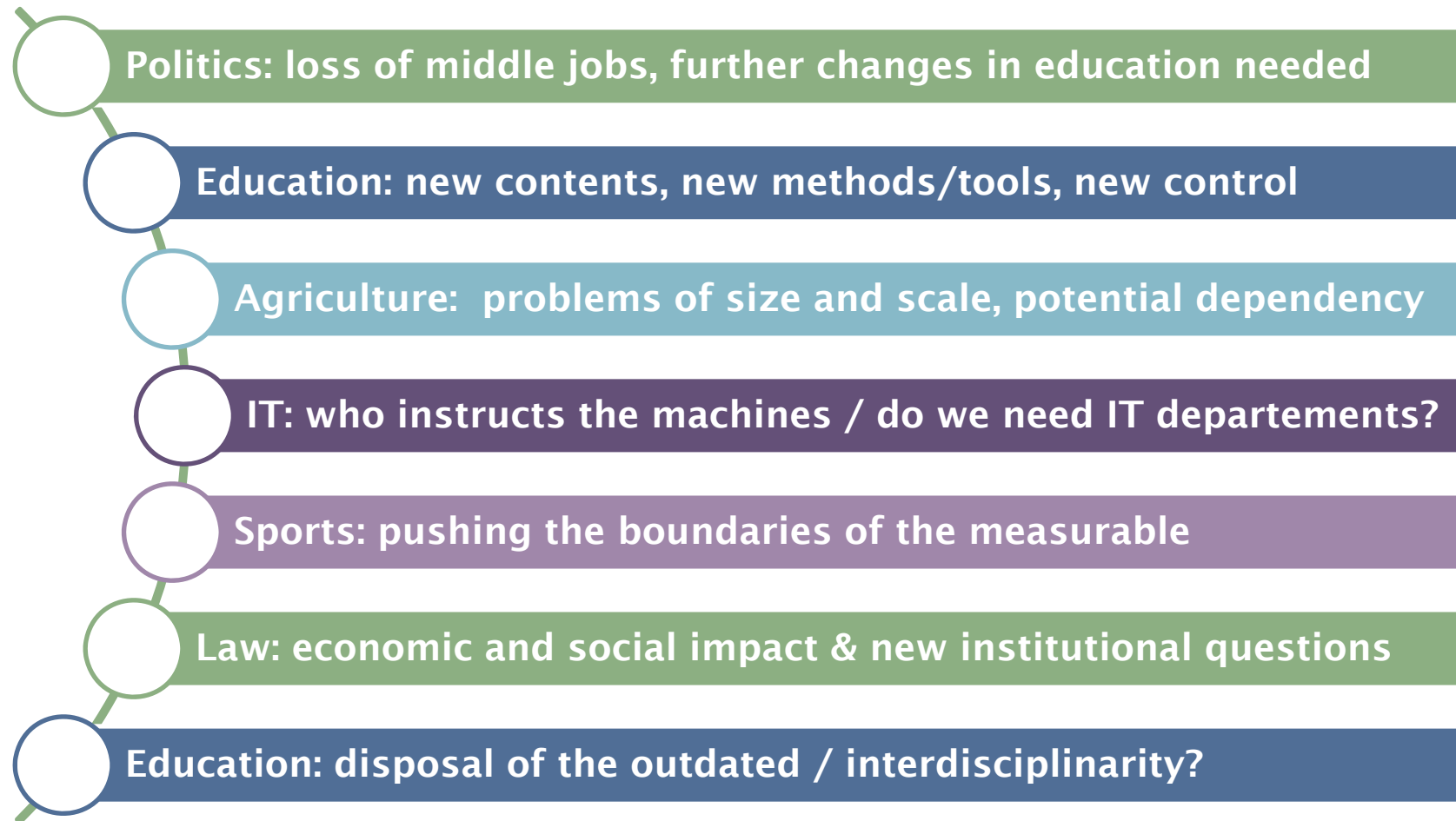




Unfortunately the color of the ball changed!

Thursday: the education system is the key topic!



Today:

Measurements show **serious deficits**.
Industry identifies digital skills as **core needs**,
big companies care themselves for internal continuing education.
High waves of business change are rolling towards us,
in practice many companies are failing in many **digital business skills**.
Applied data science skills will become a mandatory,
EPFL provides training without preconditions.

Fairness skills require mathematical question.
Design skills (e.g. for privacy) require working with pattern languages.
Coding skills are **easy to learn** for everybody!
There are **serious deficits** concerning **security skills**,
both among amateurs and professionals.
Digital transformation requires **collaborative governance skills**.
Digital transformtion creates **new capabilities for transdisciplinary research**.

Alles wird ziemlich anders!

Wandel der Fachdisziplinen

- ▶ Ausbildung
- ▶ Landwirtschaft
- ▶ Sport
- ▶ Recht
- ▶ IT-Lösungsentwicklung
- ▶ Interdisziplinäre Forschung

Notwendige Digital Skills

- ▶ Digital skills
- ▶ Applied data science skills
- ▶ Design skills
- ▶ Security skills
- ▶ Fairness skills
- ▶ Governance skills

BFH-Center Digital Society



- ▶ **The WHY:** The digital transformation shall be an *enabler* for people, disciplines, business, and government!

- ▶ **The HOW:** We help actors to *speed up the appropriation of digital tools!*

- ▶ **The WHAT:**
 - ▶ Methods: **sustainable design & applied data science**
 - ▶ Topics: **Identity, privacy, and cybersecurity**
 - ▶ Areas: **digital health & smart cities**

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The curtain closed and more questions open