

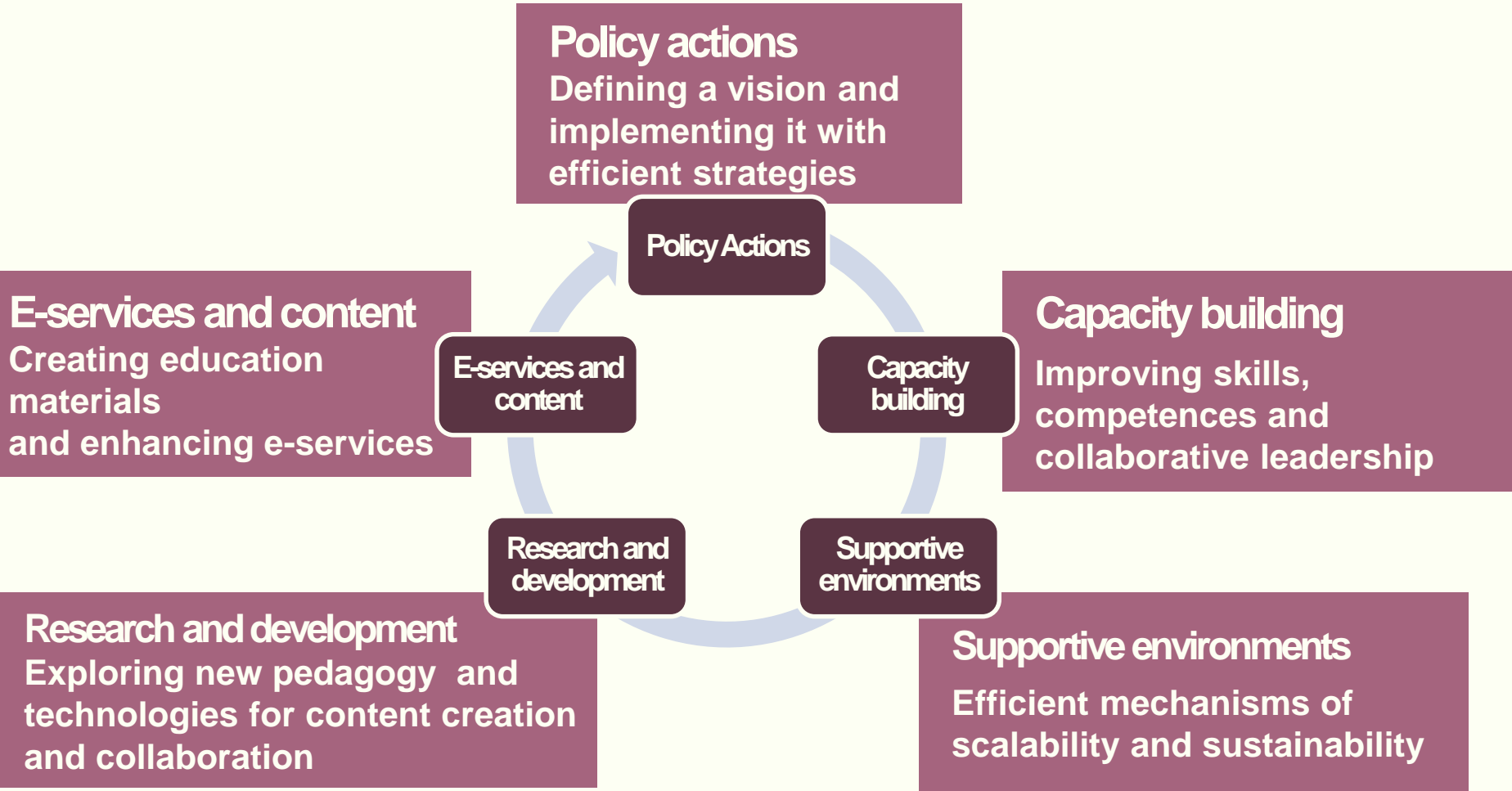
Open Education and OER

Slovenian case:

From Commitment to Action

Borut Čampelj
Ministry of Education, Science and Sport
Republic Slovenia

Slovenian approach to Open Education and OER



Policy Actions

Defining a vision and implementing it with efficient strategies

Policy innovations have supported educational institutions in developing new educational models, facilitate research, test large-scale innovative pedagogies, curriculum development and skills assessment and encourage new business models.

Open Education and OER

Key Achievements

- Facilitate research and policy exchange in EU and UNESCO Member States
- Increasing awareness of the latest technological developments among policy makers
- Making stakeholders aware of the current and future policy and regulatory framework
- Mobilize all stakeholders (teachers, learners, economic and social partners) to implement policies at education institutions

Challenges

- To reform and complement key legislation
- To design the appropriate policy framework and stimulus to enable a comprehensive introduction of formal and informal education
- To be actively involved in national, regional and international governmental policy-making mechanisms
- To develop and implement a worldwide vision for mainstreaming OER

Interested in collaboration? Contact: tit.neubauer@gov.si.

Capacity Building

Improving skills, competences and collaborative leadership

Capacity building in “openness” showed signs of sustainable social and economic development and enabled and invigorated a common clear ethos of “open” across all stakeholders.

Key Achievements

- E-competent teacher framework
- 38,000 participations of educators in 3-day courses
- Entrepreneurship and Interdisciplinary activities all around Slovenia
- Around 2,000 young volunteers introduce the basic computer skills to around 5,000 elders every year

Challenges

- To improve international comparable skills of learners
- To develop skills at higher cognitive levels (including computational thinking)
- To participate actively in the process of international certification of digital skills and apply international recommendations

Interested in collaboration? Contact: nives.kreuh@zrss.si.

Open Education and OER

Services and Content

Open Education and OER

Creating education materials and enhancing e-services

We are exploiting synergies between the participation of teachers, learners and content connected through open educational environments. We are building new services around pedagogies and content aggregation, annotation, mash-ability, verification, analysis, search, media sharing and recommendation.

Key achievements

- 4 million views of OER via VideoLectures.Net worldwide
- 43 e-textbooks under Creative Commons license
- More than 130 projects for development of multimedia and interactive e-materials
- Science Atlas – service for researchers' competence and collaboration diagrams
- More than 22.000 educators participated in e-communities to exchange and discuss new pedagogies

Challenges

- To develop new services as a consequence of the convergence of OER, broadband, broadcast and social media
- To support and promote innovative open and OER based pedagogical approaches for mobile and www platforms
- To implement existing OER materials and e-services to support personalized and collaborative learning
- To develop new business models for OER

Interested in collaboration? Contact: davor.orlic@ijs.si.

Research and Development

Exploring new pedagogy and technologies for content creation and collaboration

The main challenge we have identified is to make the best use of technology for reaching out to new audiences, adapting to the digital era and thriving in the connected possibilities of the Web.

Key Achievements

- 70% of schools participating in R&D projects
- Deployment of research results in real-life settings
- Requirement for consortia to include all stakeholders in projects
- Involvement of OER in national strategic projects following European Smart Specialization Strategy
- Majority of results are CC licensed

Challenges

- To move closer to a fully personalised and interactive user experience
- To increase the use of ICT technologies in the education industry
- Solutions that can clear barriers for the success of the policy actions from the content and media perspective
- Make all results CC licensed

Interested in collaboration? Contact: mitja.jermol@ijs.si.

Open Education and OER

Supportive Environments

Efficient mechanisms of scalability and sustainability

Triggering large-scale sustainable and scalable changes requires shared efforts and focused actions, engaging all stakeholders, national, international and regional along with learners, teachers, educational policy makers and research communities.

Key Achievements

- Created an appealing environment where stakeholders feel comfortable exchanging ideas
- Establishment of UNESCO Chair in OER
- Launch of open education
- Launch of wider initiatives like OpeningupSlovenia
- Fast lane to government and other stakeholders
- Creation of stable and supportive mechanisms for OER agenda

Challenges

- To set-up an inter-government and cross-government projects, coalitions and alliances
- To create an operations agenda based on the Ljubljana Action Plan
- To launch a Dynamic Coalition in OER with the purpose of mainstreaming OER in participating countries and disseminate benefits to all stakeholders

Interested in collaboration? Contact: borut.campelj@gov.si.

Open Education and OER

Education in the digital world

Arthur Gottwald

Federal Ministry of Education
Germany



Education in the digital world

Strategy of the Standing Conference of Ministers of
Education and Cultural Affairs (KMK)

Berlin 08.12.2016



Bildung in der digitalen Welt Strategie der Kultusministerkonferenz

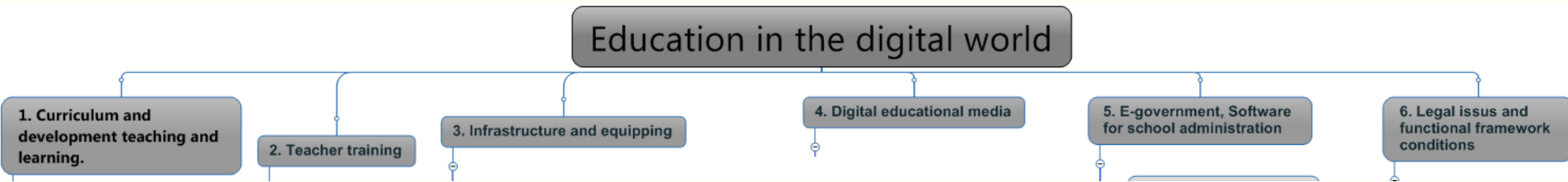
https://www.kmk.org/fileadmin/Dateien/pdf/PresseUndAktuelles/2016/Bildung_digitale_Welt_Webversion.pdf



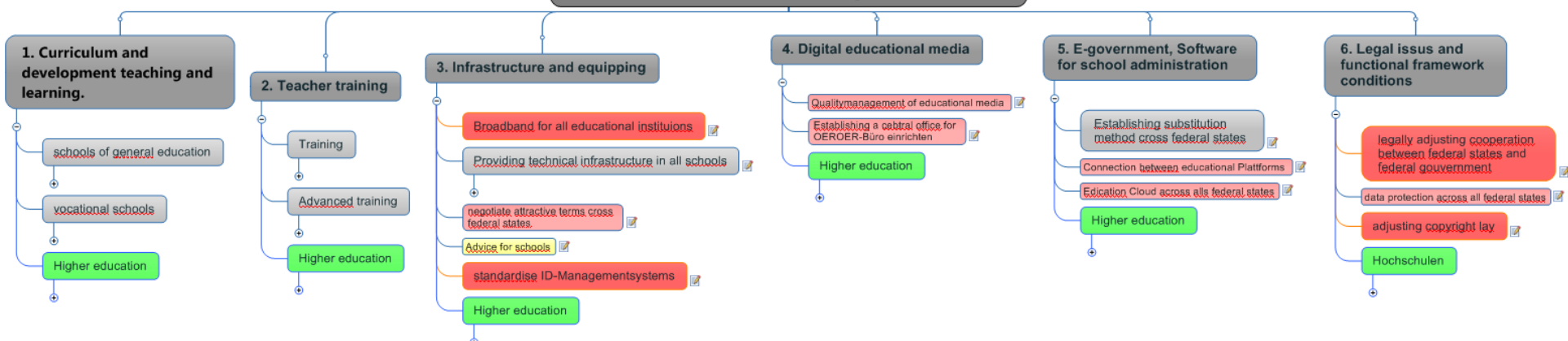
kmk.org

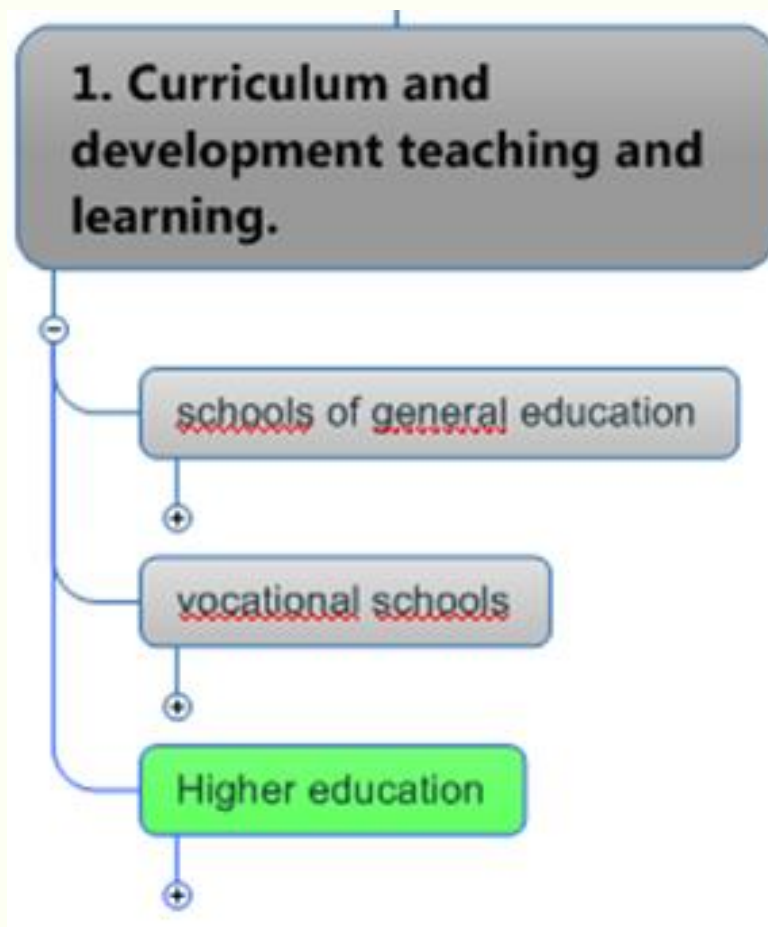
Summary:

https://www.kmk.org/fileadmin/Dateien/pdf/PresseUndAktuelles/2017/KMK-Strategie_Bildung_in_der_digitalen_Welt_Zusammenfassung_en.pdf

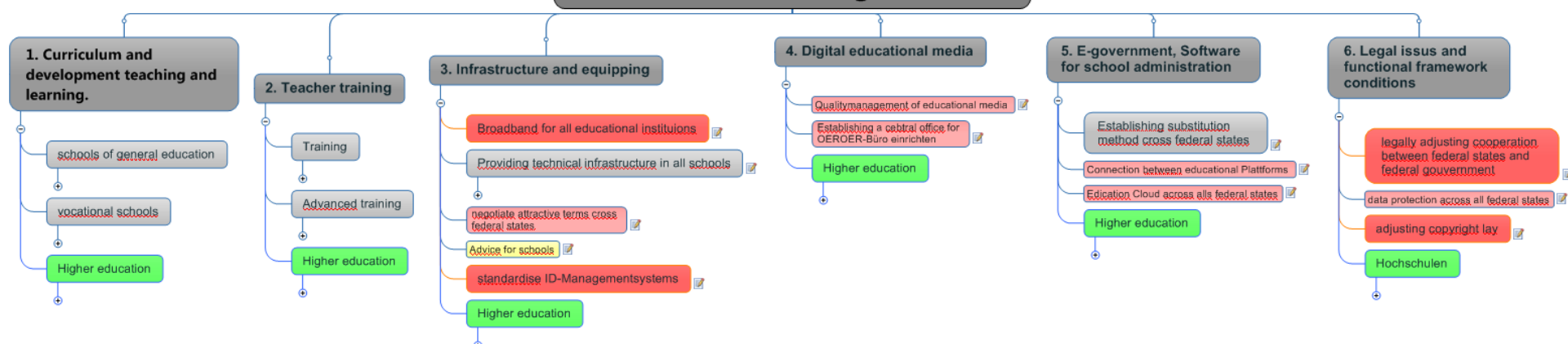


Education in the digital world



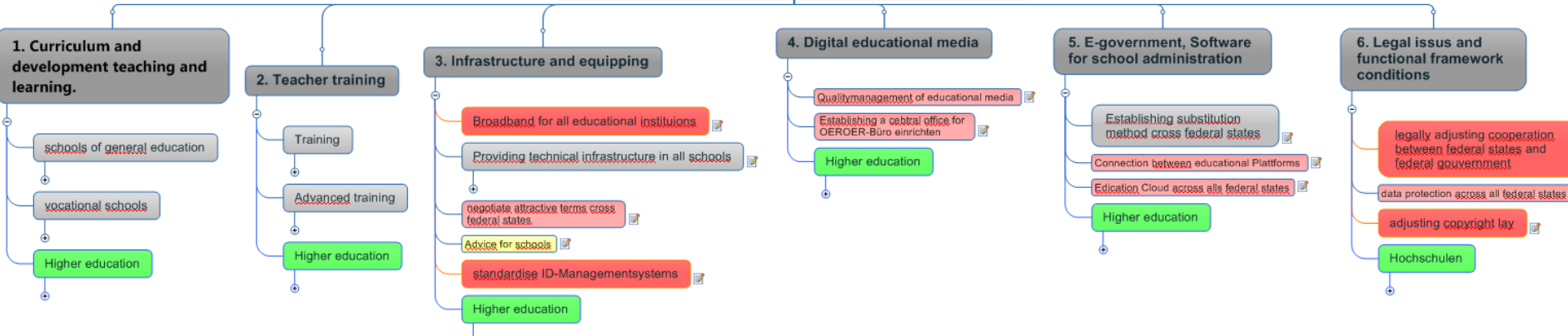


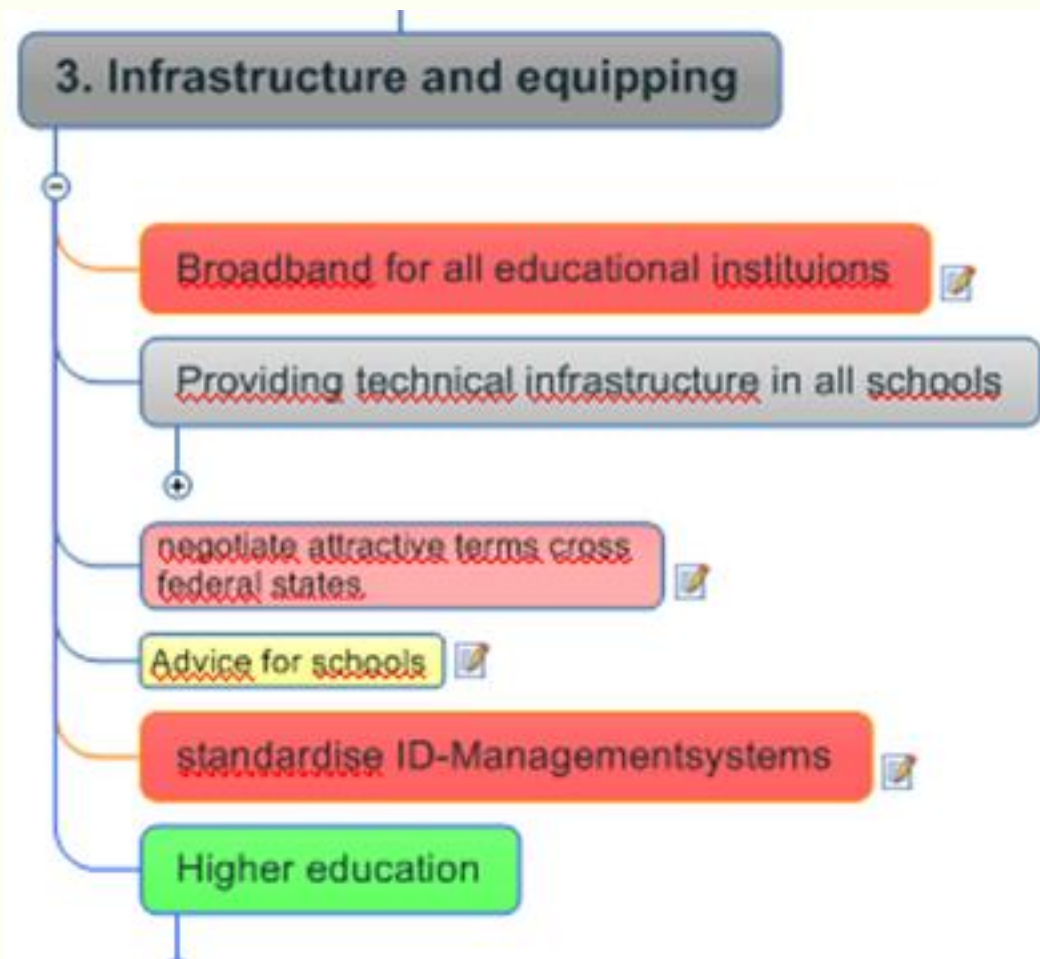
Education in the digital world



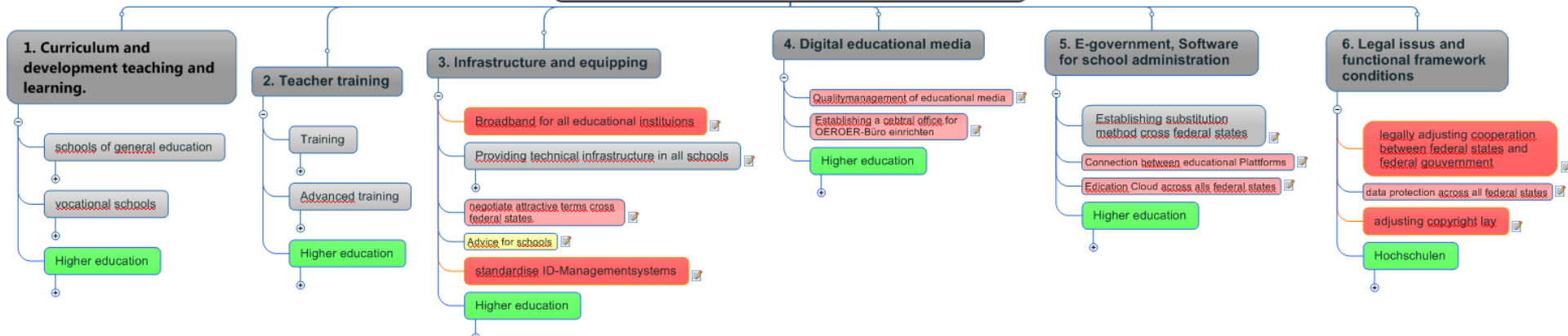


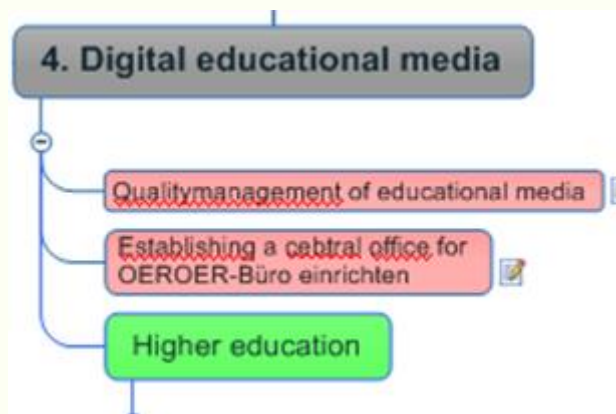
Education in the digital world



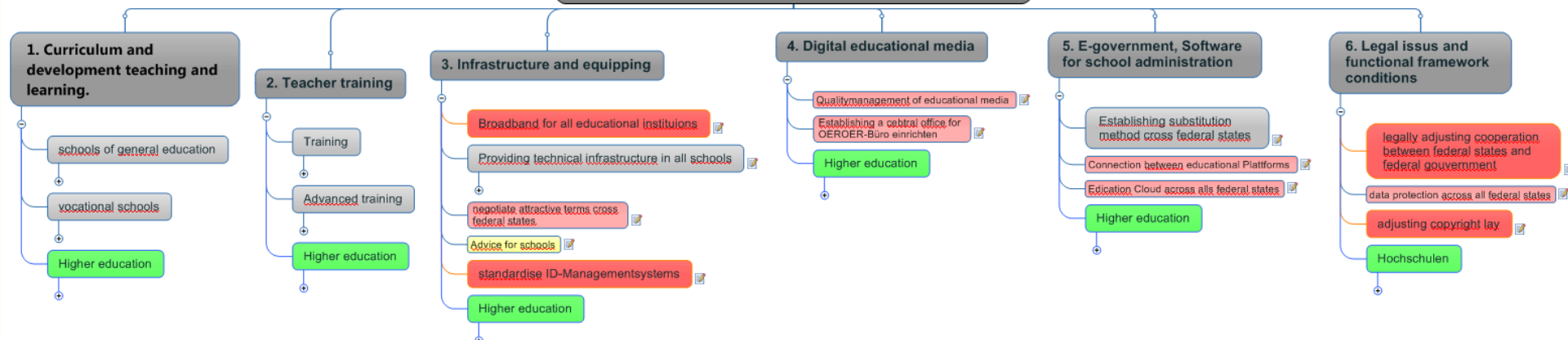


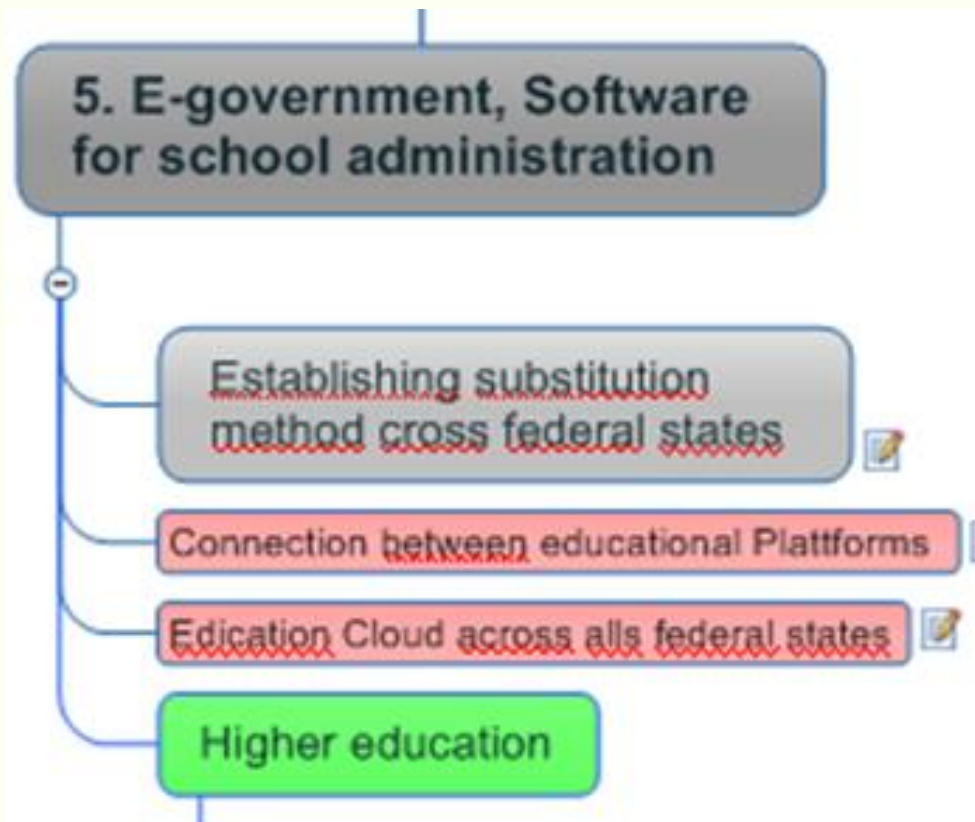
Education in the digital world



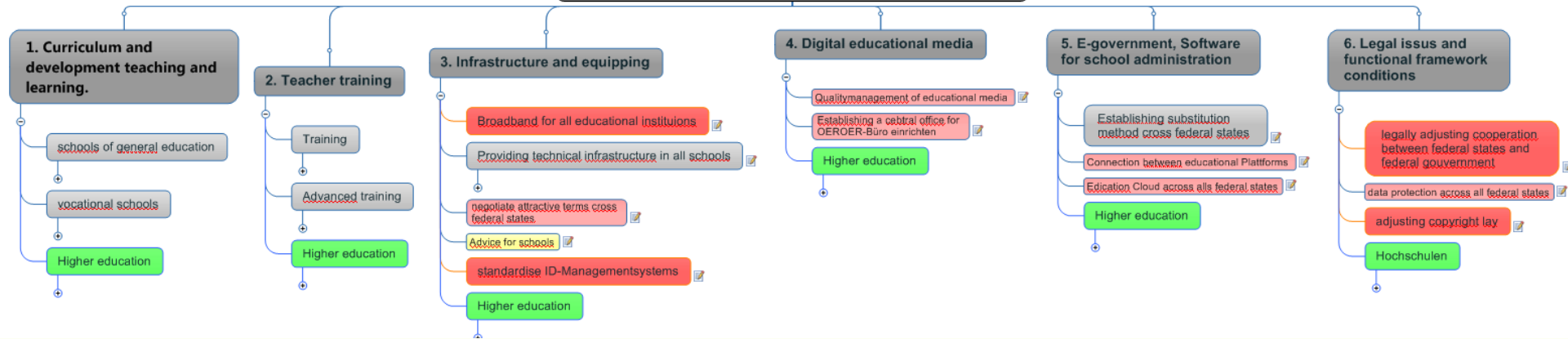


Education in the digital world



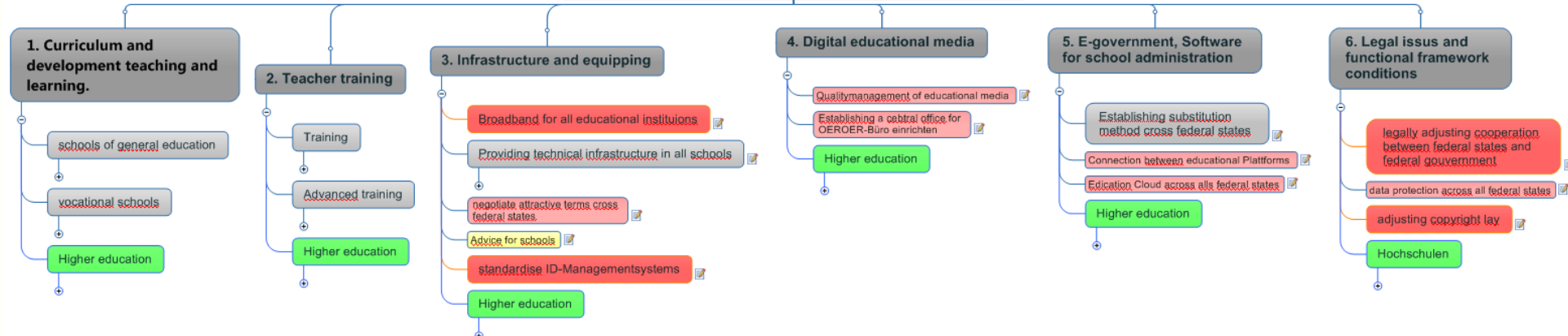


Education in the digital world





Education in the digital world



Bundesministerium
für Bildung
und Forschung

Bildungsoffensive für die digitale Wissensgesellschaft

Strategie des Bundesministeriums für Bildung und Forschung



Strategie of the German Federal Ministry of Education and Research 12.10.2016

5.000.000.000 €