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The National Data Strategy
An Educational Panel
as the Basis for a Reporting System

Deutschland. Das von morgen.

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I. Modern internationally competitive educational policy

- must meet expectations for high quality
- guarantee excellence and equal opportunities
- be concerned with the rational utilization of resources

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II. Successful countries participating in PISA

- have anchored principles of "learning organizations" in their educational systems
- rely on empirical educational research to generate administrative knowledge
- support the dialogue between educational research and educational policy

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III. National **Educational Reporting**

- implies a considerable change in the relationship between educational policy and empirical educational research in Germany
- relies on the conceptual foundation of life-course education
- reflects processes of non-formal and informal education as well

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IV. Fields of action of the BMBF to strengthen empirical educational research

The BMBF is supporting empirical educational research

- by providing basic funding (for DFG, MPG, some scientific Leibniz Institutes and the BIBB)
- by improving the framework conditions
- within the framework of departmental research

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V. Thematic focuses within the framework of departmental research

1. Systems control
2. Development and assessment of skills and competencies
3. Organization of learning process
4. Professionalization of staff
5. Economics of education
6. I&C technologies in education
7. Transfer research
8. Further development of indicator research

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VI. Measures for quality assurance and support of young researchers

- Approval of projects after evaluation by experts
- Disclosure of anonymized microdata for scientific purposes
- Publication of the results
- Inclusion of posts for doctoral candidates

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VII. Necessity of and opportunities for a national educational panel study

- to analyze the construction and course of educational biographies longitudinally
- to generate the data basis for reporting on "life-course education" as well as for
- the realization of strategies for lifelong learning
- the analysis of challenges for individuals and society
- the further development of the educational system and relevant educational institutions

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VIII. Framework concept of a national educational panel

- Considering all phases of the educational biography from the perspective of structure, institutions and actors
- Measuring a core set of relevant competencies
- Inclusion of major contextual variables
- Reference to places and general conditions of competence acquisition
- Multi-level analysis

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IX. cont.: Framework concept of a national educational panel

- Combination with official statistics and register data
- Generation of long time series covering several successive survey cycles
- Inclusion of different cohorts
- Inclusion of experimental surveys and special studies

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X. International and national compatibility of an educational panel

- Compatibility with international studies (PIRLS, PISA, and others)
- Compatibility with national studies (BIJU, LAU, IGLU, PISA-E, German Life-Course Study, DJI-Children longitudinal study, DJI-Transitions from school to work longitudinal study, SOEP, IAB longitudinal studies, and others)

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XI. Preparatory research activities

- Activities of the German Institute for Adult Education and contribution of the Dobischat-Consortium to PIAAC
- German longitudinal studies in the education sector (Weishaupt/Schmidt)
- Longitudinal Studies for Education Reports: European and North American Examples (Kristen/Römmer/Müller/Kalter)

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XII. cont.: Preparatory research activities

- Methodical studies concerning the DJI-Transitions from school to work longitudinal study
- Extended education pathway surveys in the German Socio-Economic Panel Study (from 2007)
- Expert opinion on competence diagnosis in pedagogical fields of action (Klieme/Leutner)

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XIII. Cooperation – networking - organization

- Conceptual work by scientific interdisciplinary consortium
- "Chief responsibility": DFG
- Involvement of the scientific advisory board for educational reporting
- Necessary: optimum linkage of national data strategy with international data collection

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