



Digital Hesse

Where the future begins

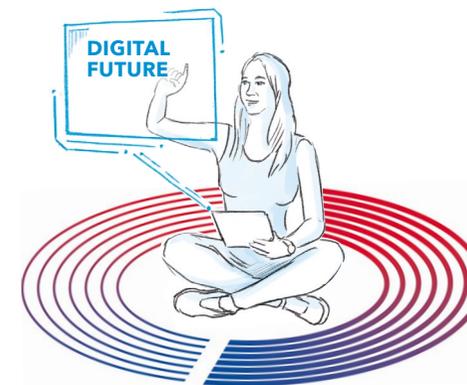




Digital Hesse - Where the future begins!

Digitalisation enriches our lives and makes daily life easier. Who can imagine communication or shopping without a smartphone these days? AI analyses health or weather data, steers and controls our vehicles and factories. This is just a small part of digitalisation. We are convinced it harbours huge opportunities. To make the most of them, we want to actively shape digitalisation.

The Hessian Government's Digital Strategy is our roadmap for digital progress. It is the vision of a Hesse in 2030 where every citizen confidently uses the latest digital technologies at work and in everyday life, where Hessian companies develop and produce these innovations, where science researches at the cutting edge of digital progress and formulates ethical guidelines, where state-of-the-art high-speed networks provide the infrastructure for all of this. In short: where the future begins!



Our Digital Strategy defines our goals and the steps we will take to make this vision a reality – this booklet provides a brief overview. We are not just letting digitalisation happen, we are shaping, guiding and fostering it. We are taking digitalisation into our own hands. Putting people front and centre.

The strategy incorporates a great deal of impetus and advice from the world of business, science and the larger community. These ideas will make our digital Hesse an even better place to live. They will make it more innovative and imaginative, stronger and safer.

A handwritten signature in blue ink, appearing to read 'K. Sinemus'.

Professor Dr. Kristina Sinemus

Hessian Minister for Digital Strategy and Innovation

Digital Hesse 2030: People front and centre

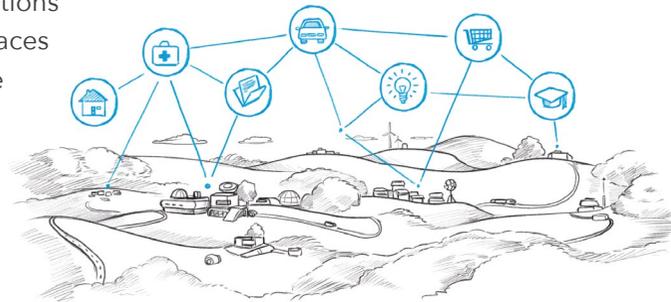
Our vision for Hesse is digitalisation that serves people and makes their everyday lives easier. The Digital Strategy describes the goals and courses of action across all areas of federal state policy. We are shaping the future for the people of Hesse, paying particular attention to:

Digital infrastructure

This is the foundation of progress that everyone benefits from. Thanks to high-performance networks, data centres and data spaces, we can work globally from any location in Hesse, steer and control machines, drive autonomously or attend teleconsultations.

Digitalisation of rural areas

We are leveraging full-coverage digital infrastructures, new value creation opportunities and smart solutions for good living and working conditions to develop Hesse's rural regions into places with a bright future, a high quality of life and sustainability.



Digital health

We are putting people front and centre, especially when it comes to digitalisation in the healthcare sector: We are strengthening medical care, promoting digital assistance systems for self-determined living and harnessing the potential of digital health research.

AI made in Hesse

Hesse is home to architects of the future. »AI made in Hessen« and responsible innovations are a trademark for our state that we will continue to expand and translate into practice - for prosperity, value creation and sustainability.

Digital literacy

Digital education which teaches skills and allows people to discover their passion for new technologies is the key to innovation in Hesse. We want to bolster digital literacy - at every age and every stage of life.

Digital City Hall - e-government

e-government is open to citizens, companies and institutions in Hesse 24/7, every day of the year. We are making it modern, citizen-centric and service-oriented at all political levels.



Channelling digital policy and consistently driving it forward

The new Digital Strategy marks an ambitious new journey into the digital future. We want to translate the dynamism of new technologies, strong networks and high-performance computing capacities into added value for society. Digitalisation should serve people, not the other way around. In this booklet, the two foundational areas and six fields of action provide an overview of how our concept of digitalisation consistently revolves around the benefits for citizens.

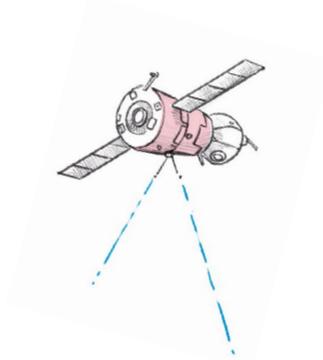
EUR 1.2 billion has been earmarked for the state's digitalisation offensive in the current electoral term. The Minister for Digital Strategy and Innovation's management of these funds ensures consistent implementation and controlling of the Digital Strategy and the measures that shore it up. All areas of the Hessian State Government are working together on this in a targeted way, focusing their attention beyond the boundaries of their respective remits on the overall impact of the digitalisation projects.

We want to make digitalisation a success for the people of Hesse and channel digital progress into value creation and employment, into greater prosperity and a better quality of life.

>> Our concept of digitalisation consistently revolves around the benefits for citizens.



Foundations



Digital infrastructure

Comprehensive, efficient, innovative

Digital infrastructure is the foundation of all progress in digitalisation:

- Our Gigabit Strategy ensures the best networks for Hesse - from broadband coverage and public WLAN all the way to 5G and next gen 6G.
- We are creating a high-performance data and computing infrastructure, turning Hesse into a trailblazer in the field of sustainable computing centres and green IT.
- We are bolstering data platforms and satellite technology in order to leverage their application potential for industry, research and the wider community.

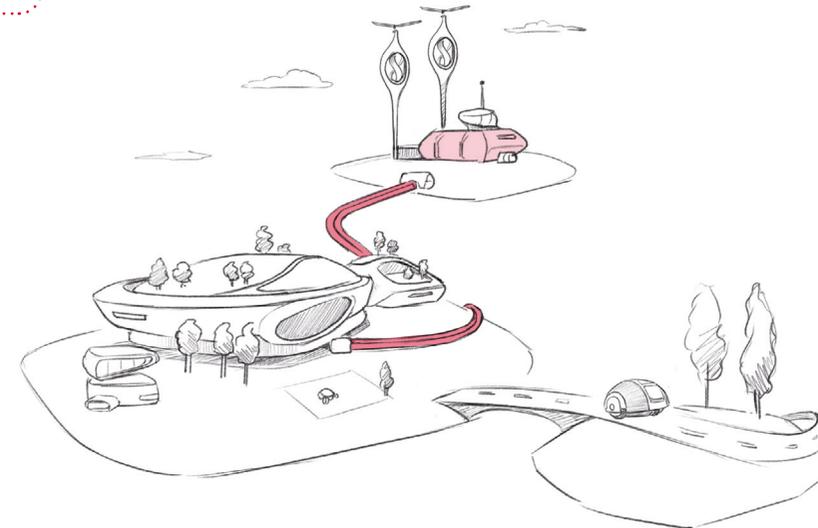


Digital rules of play

For a safe, secure and fair society

Democracy and the rule of law have priority - in the analogue and digital world alike:

- We are carefully and circumspectly shaping the central issues of data sovereignty and data use in Hesse's own dedicated Data Strategy.
- Hesse is actively combatting cyber threats with its top-notch cyber security expertise. We are continuing to bolster digital protection mechanisms and skills.
- Hesse stands for strong digital regulatory law and is strengthening the digital sovereignty of consumers.



Fields of action

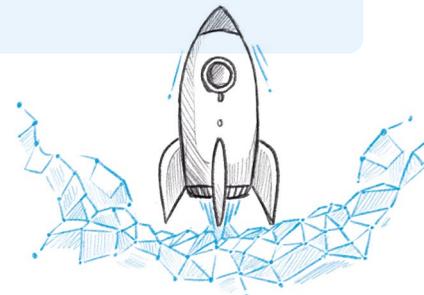


Digital innovations

Responsible science and research

Architects of the future call Hesse home:

- We are strengthening »AI made in Hessen« as a trademark for responsible innovation and ground-breaking progress. This is what the Hessian Centre for Artificial Intelligence (hessian.AI) and the Centre Responsible Digitality (ZEVEDI) stand for.
- With the Digital Pact for Higher Education and the LOEWE Research Funding Programme, we are putting in place optimum conditions for research and teaching.
- Translating innovations into practice: We are ensuring just that with funding programmes such as Distr@I or LOEWE and a wide variety of hubs and transfer organisations.

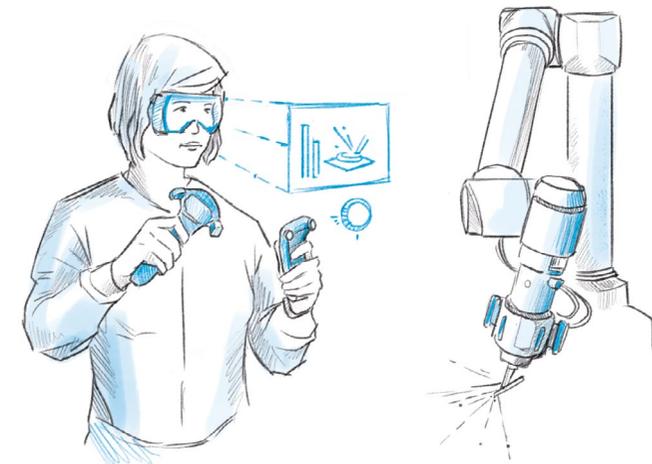


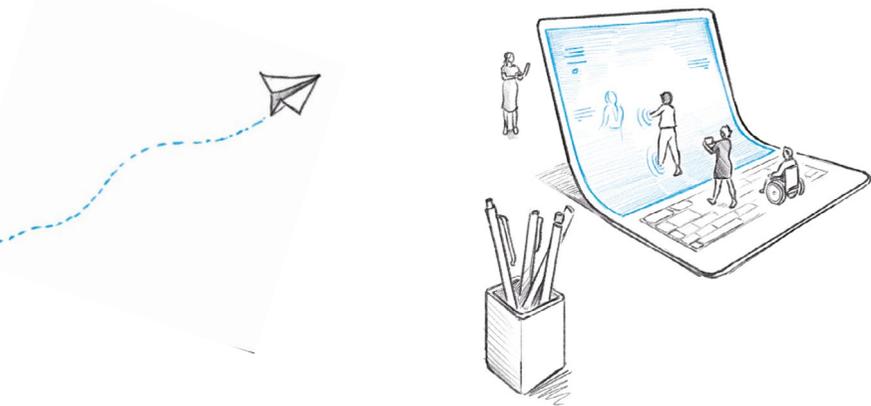
Economy and work 4.0

Successful and high-performing thanks to digital transformation

We want digitalisation to create more value, good jobs and sustainability:

- Whether it's the House of Digital Transformation, DIGI consulting or start-up funding: we are strengthening the knowledge transfer and digital transformation of Hessian companies.
- We are making sure key technologies can be leveraged for the success of Hessian companies - from the Internet of Things to platform models and blockchain all the way to AI. With a transfer network spanning the whole of Hesse, we are injecting dynamism into the digital economy.
- We want to tap into the potential digital work harbours for good jobs, be it through continuing professional development, flexible working or the opportunity to design the world of work 4.0. as partners.





Digital education

Strengthening skills, discovering new things

We want digitalised education that turns everyone into sovereign users - at every age and in every situation in life:

- With the Hesse Digital School Programme, we are aiming to prepare young people for their journey through life in the best possible way and to create a strong digital education system for everyone.
- In vocational training, we are making trainees, professionals and job seekers fit for the demands of the digital world of work with modern IT equipment and digital education. We want to empower women in particular with our »Women go digital« initiative.
- With our »Strengthening Digital Skills« campaign and digital experience and participation formats, we want to help people discover their passion for digital technologies and innovation.

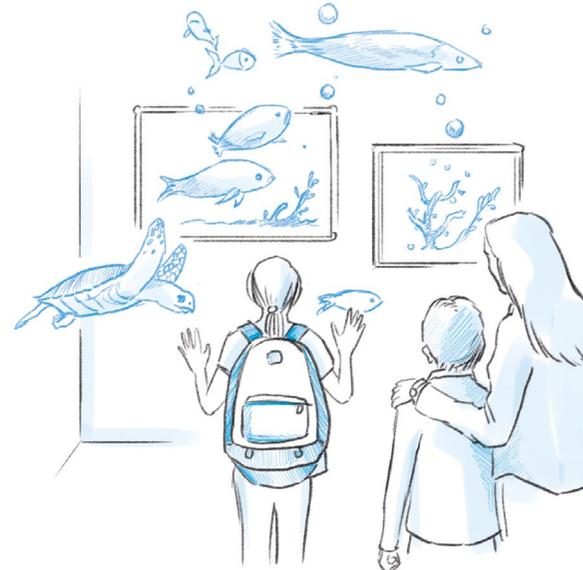


Digital society

Promoting health, enabling participation, opening up culture

Hesse stands for accessibility and living as a community in a digital society:

- We want to evolve digital health in an innovative way, be it in the digitalisation of health services in Hesse or the responsible use of health data in medical research.
- We want to make the digital world inclusive and promote self-determined living, participation and cohesion in digitalisation with targeted projects.
- Whether it's volunteering, culture or tourism, digital technologies ensure greater participation and interactive access, which we want to bolster.



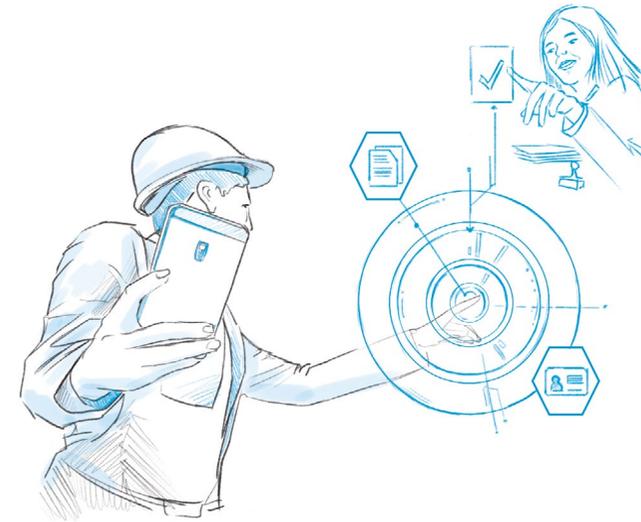


Smart region

Intelligent solutions for town and country

We think of sustainability and digitalisation in tandem, for a better quality of life and value creation in our cities and regions alike:

- We are supporting municipalities in Hesse on their way to becoming smart cities and regions through consulting, knowledge and technology transfer and funding.
- We are harnessing digitalisation to boost the attractiveness and value creation of the regions – be they urban or rural, a business centre, transport hub or countryside.
- Intelligent solutions in municipal public services – be it mobility, energy or housing – ensure greater sustainability. We also want to create a common data space for this.

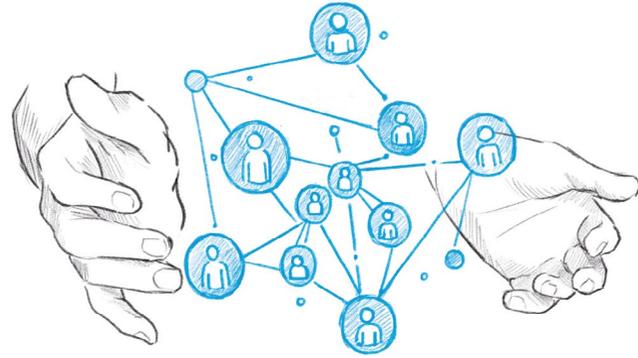


e-government

Citizen-centric, customer-friendly and secure

The digital transformation does not stop at the doors of public authorities. Public administration as a role model:

- We are putting in place e-government that works in a citizen-centric, service-oriented and efficient way.
- With the implementation of the Online Access Act, we are working with the municipalities to create the Digital City Hall – e-government which is open to people 24/7 and from any location.
- The state's public administration is becoming innovative and modern and actively incorporating digital technologies of the future into its work.



Dialogue-based evolution of the strategy

The Hessian Digital Strategy is not an administrative regulation. It is a participatory initiative for business and society, for science and culture, for clubs and associations, for all Hessians. It channels multifaceted expectations and requirements into a shared vision for the future!

700 citizens and experts took part in online forums and contributed ideas in the scope of the strategy update. A huge thank you to all those who participated!

We are continuing this dialogue because the dynamic nature of digital progress means there needs to be an on-going expert exchange to develop ideas and projects. We are staying in touch with citizens and experts from the fields of science, business and society with subject-specific dialogue events. This allows us to pursue an agile and dynamic strategic concept whose maxim is: In Hesse, people are front and centre in digitalisation.

For more information visit:
www.digitales.hessen.de



Contact

If you have any questions or suggestions regarding the Digital Strategy or if you have specific points of criticism you would like to address, then please feel free to write to us at any time at: kontakt@digitale-zukunft-hessen.de

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www.digitales.hessen.de

