Our Experience: **Artificial Intelligence in Practice**

AI as a Driver of Innovation and Digital Transformation

President Dr. Cornelia Ruppert



Baden-Württemberg
Rechnungshof

Opening

Four locations - one Court of Auditors.

Chapter 1

The challenge

More Data. More Sources. Higher Complexity.



paper files



electronic files

Chapter 2

The opportunity

“AI creates space and saves resources for what auditors do best: asking questions, analyzing, evaluating and deriving recommendations based on the findings. ”

Dr. Cornelia Ruppert

Chapter 3

The dilemma

Obvious solutions



Available ≠ Applicable

Legal compliance sets framework

Chapter 4

Our path

What are the requirements for Court of Auditors?



GENERAL DATA PROTECTION REGULATION



ARTIFICIAL INTELLIGENCE ACT



INFORMATION SECURITY



DIGITAL SOVEREIGNTY

We need to use AI – but it needs to meet our requirements

THE LÄ

State IT service provid

F13– Text Assistance

- Chat
- Research
- Summary

Developed by the stat
of Baden-Wuerttembe

Available since 2024

Providing an own AI application

Technical foundation:
Open source software **F13**



Providing an own AI application

High-performance:
High processing power and recent models

Technical foundation:
Open source software **F13**



Providing an own AI application

Trusted:
safe and sovereign

High-performance:
High processing power and recent models

Technical foundation:
Open source software **F13**



Providing an own AI application

Customized:
Access to our own data and records as well as specialized tools

Trusted:
safe and sovereign

High-performance:
High processing power and recent models

Technical foundation:
Open source software **F13**



The BrAIn

- Access to 20 years of audit records of the Court of Auditors Baden-Wuerttemberg
- Document analysis for internal data with standard protection requirements
- Text development: Requesting Proposals and Drafts



Our solution is:

NEEDS-DRIVEN

HUMAN-CENTERED



Chapter 5

AI competence development

AI competence development

2024

Q2 Q3 Q4

2025

Q1 Q2 Q3 Q4

Q1

AI compass

Training and professional development for all employees

„method training“ event

Le

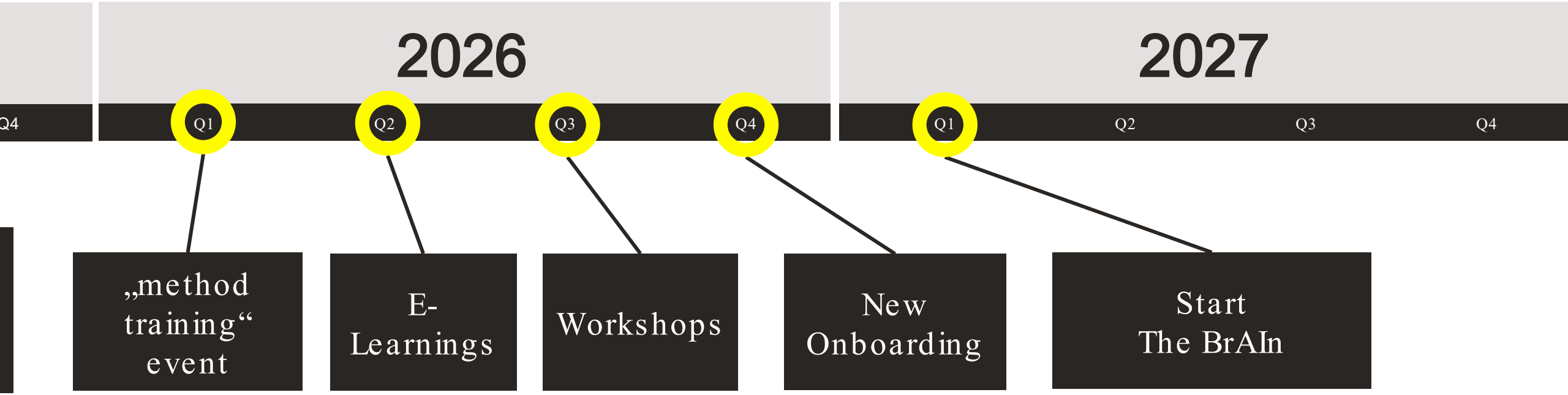








AI competence development









“AI competence cannot be developed through one single tool alone. But we can lay the foundation to enable our employees to use AI safely and effectively.“

Dr. Cornelia Ruppert

Chapter 6

Transformation does not succeed alone

Baden-Württemberg
Rechnungshof

ORH Oberster RECHNUNGSHOF

BERLIN
Rechnungshof von Berlin

BUNDES
RECHNUNGS
HOF

LRH
Oö. Landesrechnungshof

Landesrechnungshof
Nordrhein-Westfalen

HRH
HESSISCHER
RECHNUNGS
HOF

AI partner network

Baden-Württemberg
Rechnungshof

ORH Oberster Rechnungshof

BERLIN
Rechnungshof von Berlin

BUNDES RECHNUNGS HOF

LRH
Oö. Landesrechnungshof

Landesrechnungshof
Nordrhein-Westfalen

HRH
HESSISCHER RECHNUNGS HOF



“ We want to share our experiences, learn from one another, and build lasting solutions – so that every Court of Auditors can benefit .“

Dr. Cornelia Ruppert

Chapter 7

What AI has set in motion for us

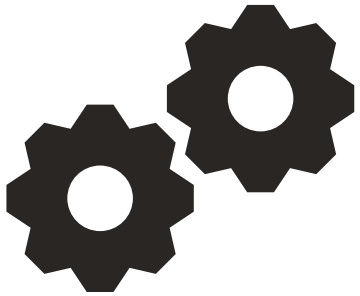
AI is not a separate IT project but part of our change management: The change in working culture.

Transformation in:

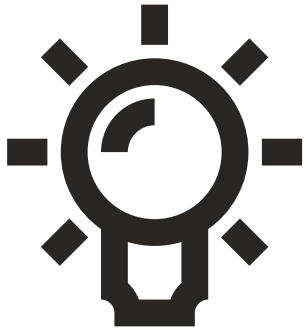
- Way of working
- Cooperation
- Tools
- Workplace culture

Strategic management responsibility

This transformation requires clear processes, high -quality data and shared knowledge



Process management



Knowledge management



Data management and Data analysis



Präsidentin
Dr. Cornelia Ruppert

Sonderprüfungen, Auswertung Prüfungserkenntnisse, Landtag, Staatsministerium, LfDI



Vizepräsident
Dr. Georg Walch

Kultus



Präsidialabteilung
Katja Gauch

Verwaltungs- und Querschnittsaufgaben, IDT



Abteilung 1
Lothar Nickerl

Wissenschaft und Kunst, Soziales



Abteilung 2
Simone Schlecht

Grundsatzfragen Haushalt, Beteiligungen, Steuern



Abteilung 3
Marcel Zembrot

Querschnitt Personal, Wirtschaft, Landwirtschaft, Ländlicher Raum und Forst



Abteilung 4
Dr. Nicolai Böcker

Organisations- und Wirtschaftlichkeitsuntersuchungen, Inneres, IT des Landes, Rundfunk, Justiz



Abteilung 5
Georg Keitel

Bauen, Wohnen, Umwelt und Verkehr

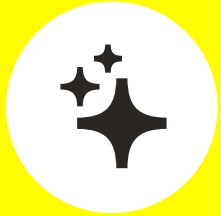
Administrative Department

IDT

IT, Innovation, digital Transformation



Data Science



Artificial Intelligence



Process management



Knowledge management

Because progress is personal.

Artificial intelligence that simplifies processes, enhances everyday work and empowers employees to do their best.

Baden-Württemberg
Rechnungshof



„We started out exploring AI technology. We ended up developing a new mindset, established new structures and revised our processes“

Dr. Cornelia Ruppert

Credits

The outlook

Status Quo

Assisting AI



Supporting tool



Human-in-the-Loop



Governance: **in control**

Outlook

Agentic KI



New risk dimension



Autonomous actor



Governance: **has to be kept unter control**

„Technology must never make decisions autonomously: We remain in control.”

Dr. Cornelia Ruppert

Thank you!

Dr. Cornelia Ruppert

President Court of Auditors Baden-Wuerttemberg