Knowledge for Development

Leveraging Knowledge Management (KM) to support the implementation of the Global Biodiversity

Framework's (GBF) Goals and Targets and the Sustainable Development Goals (SDG)

Prof. Dr. Andreas Brandner
Webinar, 5 September 2023

Advancing Knowledge for Sustainable Biodiversity!

Content

- Knowledge is at the heart of sustainable development

- KM for Biodiversity Initiative and Challenge 2023

- Implementation timetable

- National Knowledge Management Strategies

Overview

KNOWLEDGE IS AT THE HEART OF SUSTAINABLE DEVELOPMENT

Knowledge for Development

- **Knowledge** is an essential resource and an indispensable prerequisite for the development of societies all over the world.

- **SDG17** calls for partnerships for knowledge sharing and collaboration. KM is a key enabler.

- The **Knowledge for Development Partnership** is an international multi-stakeholder partnership to advance knowledge for development. It connects more than 2000 partners including senior KM experts from all SDG areas incl. water and sanitation, agriculture, biodiversity, and many more

Vandana Gopikumar
Co-founder, The Banyan and The Banyan Academy of Le[adership in] Mental Health (BALM) and Professor, School of Social Wo[rk] of Social Sciences (TISS), India

Mental health is everybody's business. The interactio[n] structural barriers such as class, caste/ race / ethni[city] based discrimination and consequent lost opportunit[y] being has now been established. While brain chemis[try] markers are important in addressing mental health [issues] no longer the medical model of mental illness that [is] embraced. The future of positive mental health ma[y be] social context dependent. Therefore, concern[ing] our today and certainly the [...] the ideal of [...]

effects of exclusion, alienati[on]

[Eli]f De Friend
Capacity Building Resource Exchange - CAPRESE, Switzerland

From an early age, I had great respect for the carving on the Temple of Apollo at Delphi: γνωθι σεαυτον. As a scholar of Classical Greek, I appreciated Socrates' insistence that none of us know anything and that wisdom comes from being aware that our so-called 'knowledge' is frequently developed without any rational process. The subjectivity of the epistemological process was not called into question, simply the rationale. Years later, I ha[d] [...]
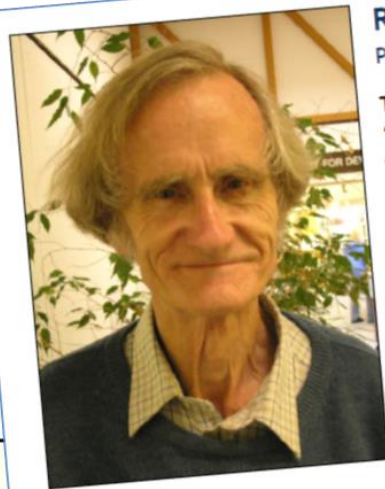
Robert Chambers
Professor, Institute of Development Studies, University of Suusex, UK

The answer to the rhetorical question 'Can We Know Better?' is 'Yes we can'. The history of humankind and of development is spectacularly littered with error. We desperately need to be less wrong, more realistic and more in touch and up to date with ground realities and accelerating change. The priorities for what we need to know and how we struggle to know it themselves are changing ever faster. The urgency of transforming our approaches and methods for knowing has been made more acute by the virus of fake news, malicious invasions of personal privacy and covert digital manipulations for political purposes. More than ever we need multitudes of world citizens who share a passion for truth, respect for the views and knowledges of others, and a nimble and eclectic methodological pluralism in approaches and methods.

Annabella Busawule Johnson
Consulting and managing partner, Austria

To serve effectively across an international community of knowledge for development partners, we must have first and foremost people, knowledge and technology while, of course, not taking for granted the peace and security and conducive social entrepreneurial environment, effective policies, [...] partnerships on both local, nation[al] [...] levels. I want t[o] [...]

Senior Lecturer in Health Policy, Planning and Manager[...]
University, Uganda

According to Hyrum W. Smith, wisdom is knowledge [...] applied. In order to promote knowledge uptake in a [...] changing world, the coming decade should be seen t[o] [...] sanctity of what has been, in many instances, lauded [...] hierarchy of evidence. I absolutely concur that evide[nce] enable one to appreciate the complex array of evide[nce] by a variety of research methods, gauge the trustwort[hiness] can be placed in the recommendations and, in some i[nstances] alert the practitioner when caution is required. Many p[...]

Rabih El-Haddad
Multilateral Diplomacy Programme, United Nations Institute for Training and Research (UNITAR)

As the training arm of the United Nations System, UNITAR is committed to equipping individuals, institutions and organizations with the knowledge skills needed to meet the Sustainable Development Goals (SDGs) and overcome global challenges of the 21st Century. UNITAR provides training and capacity development activities to assist mainly developing countries with special attention to Least Developed Countries (LDCs), Small Island Developing States (SIDS), countries from the Group of 77, and other groups and communities who are most vulnerable, including those in conflict situations. In order to do so, we leverage partnerships with a range of knowledge organizations and research-related bodies to stay abreast of the latest developments in andragogy and ensure that no one is left behind. To meet the goals, we will capitalize on UNITAR's expertise in the design and delivery of high-quality

The Agenda Knowledge for Development

see www.k4dp.org/agenda

The KDGs are a key element and based on the statements of the 150+ authors.

E Goal 1:   Pluralistic, diverse and inclusive knowledge societies
E Goal 2:   People-focused knowledge societies
E Goal 3:   Strengthening local knowledge ecosystems
E Goal 4:   Knowledge partnerships
E Goal 5:   Knowledge cities and rural-urban linkages
E Goal 6:   Advanced knowledge strategies in public and development organisations
E Goal 7:   Capture, preservation and democratisation of knowledge
E Goal 8:   Fair and dynamic knowledge markets
E Goal 9:   Safety, security, sustainability
E Goal 10:   Legal knowledge
E Goal 11:   Improved knowledge management competences
E Goal 12:   Institutions of higher education to play an active role
E Goal 13:   Information and communication technologies for all
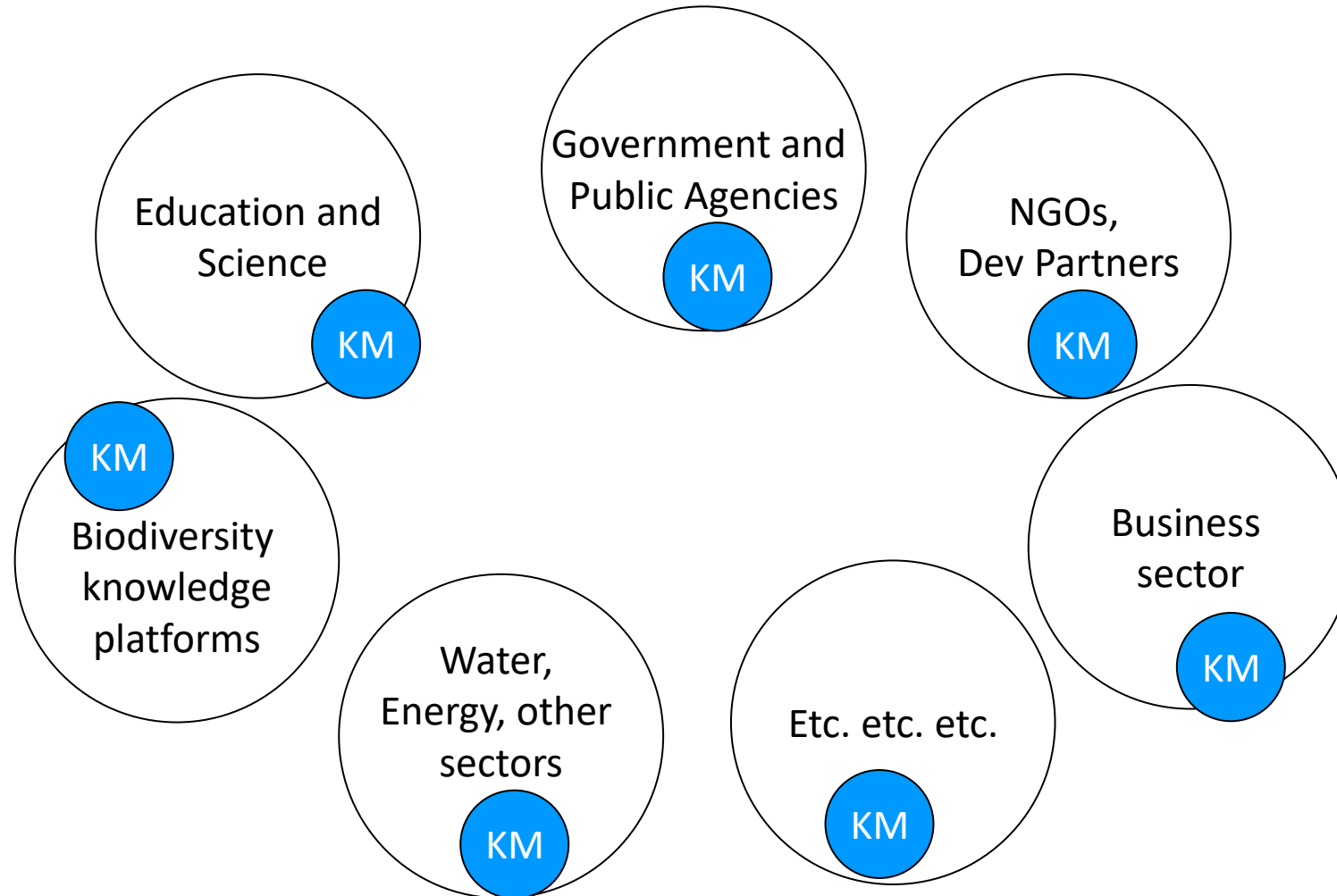E Goal 14:   The arts and culture are central to knowledge societies
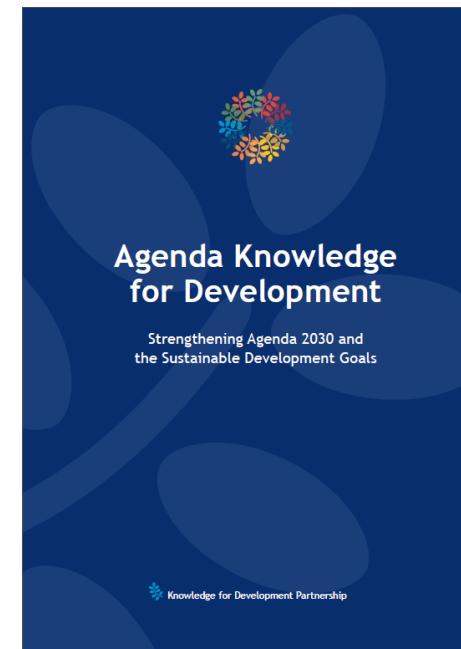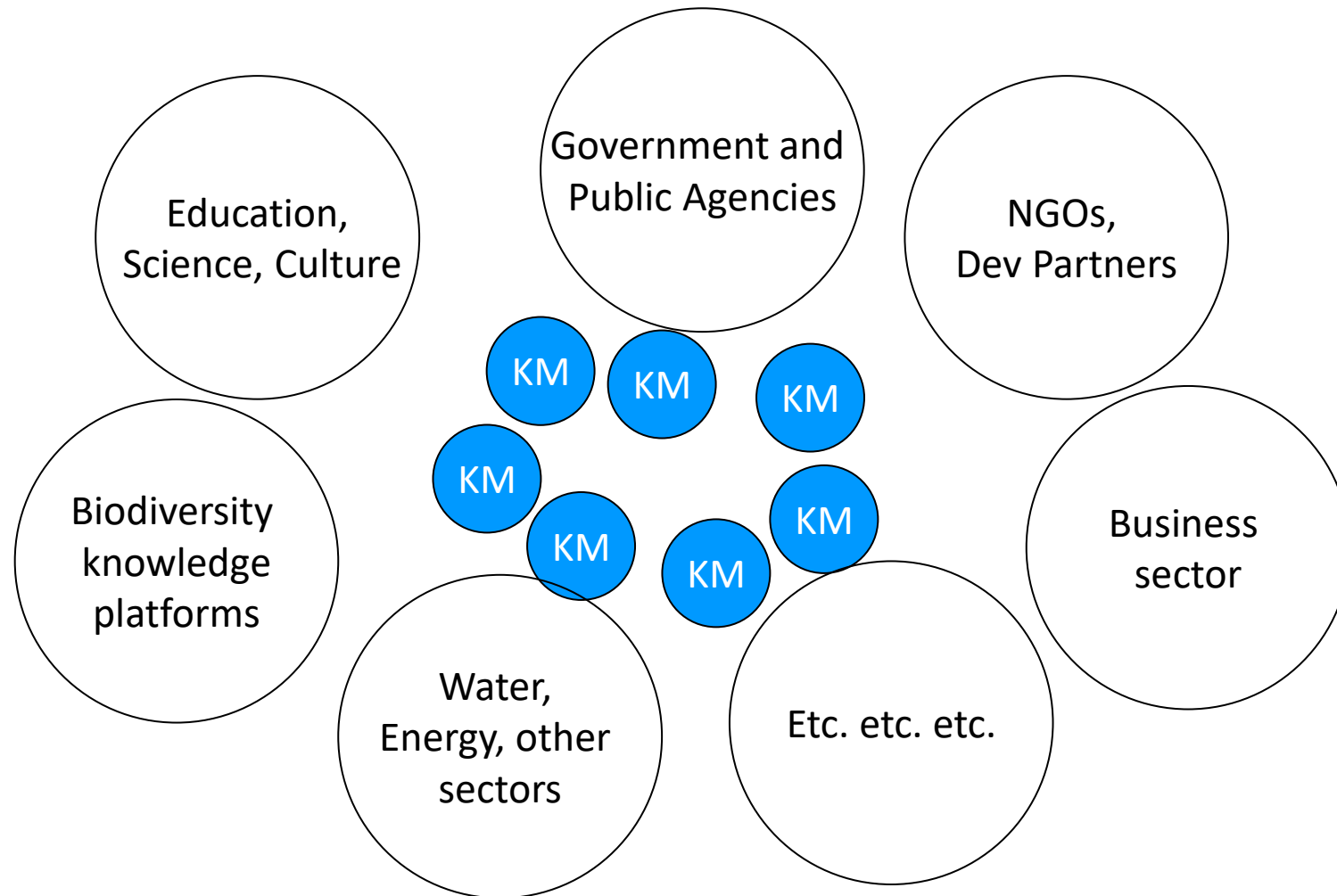
Activities of K4DP

-> **www.k4dp.org**

- Supporting countries to develop a **National Knowledge Agenda**

- Facilitating national and sectoral **Knowledge Partnerships and Challenges**

- Advancing **Knowledge Management** in public and private organisations

- **Fighting knowledge divide**

- Helping to build **powerful knowledge hubs in sectors**

- Providing **evidence on knowledge ecosystem**

- Strengthening **knowledge dissemination** and communication

- Strengthening **academic education and research in Knowledge Management**

- Fostering international cooperation for **investment in knowledge**

Knowledge is scattered across stakeholders and sectors

Let´s join forces…

Government and Public Agencies

Education, Science, Culture

NGOs, Dev Partners

Biodiversity knowledge platforms

Business sector

Water, Energy, other sectors

Etc. etc. etc.

KM KM KM KM KM KM KM
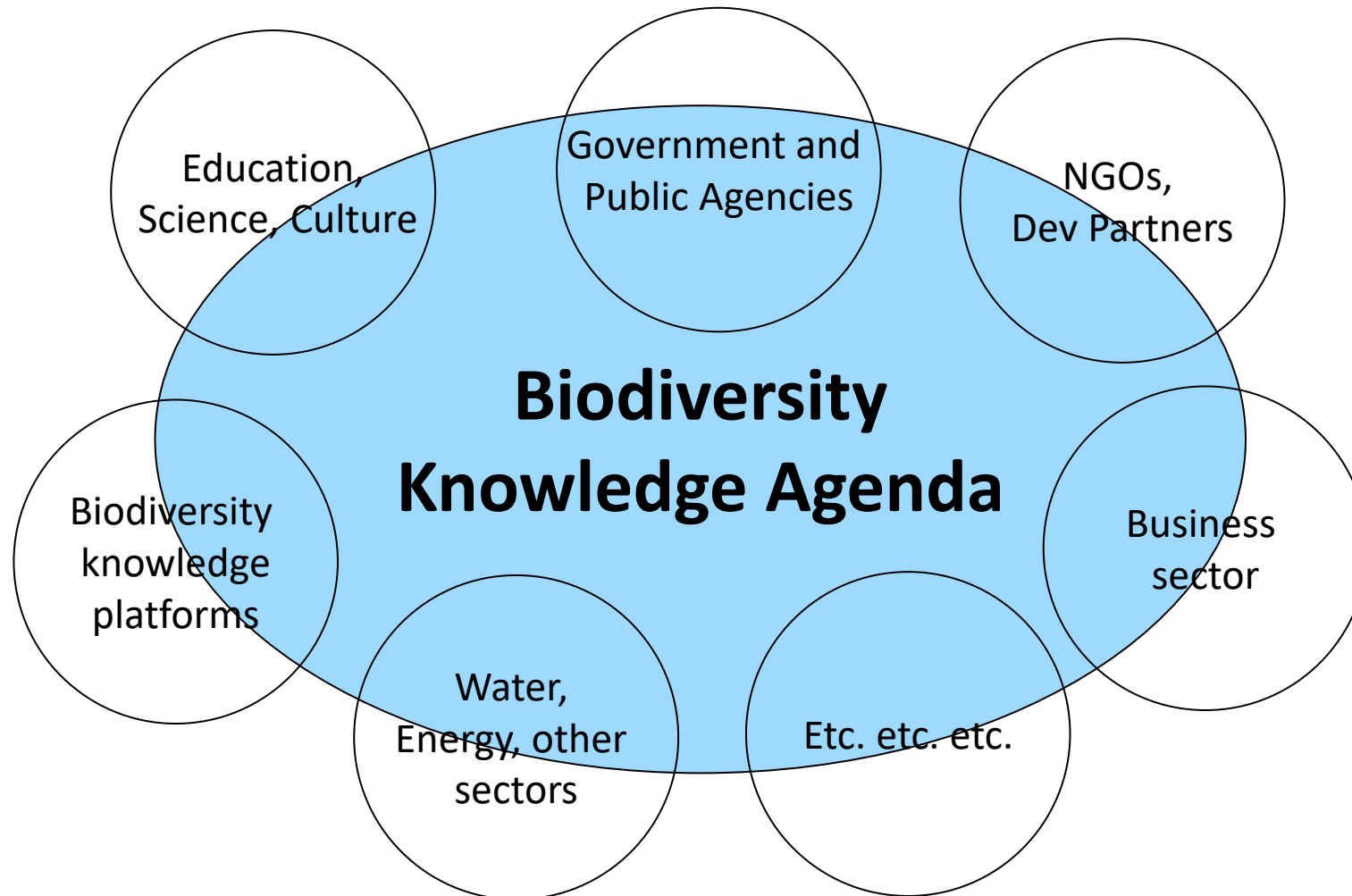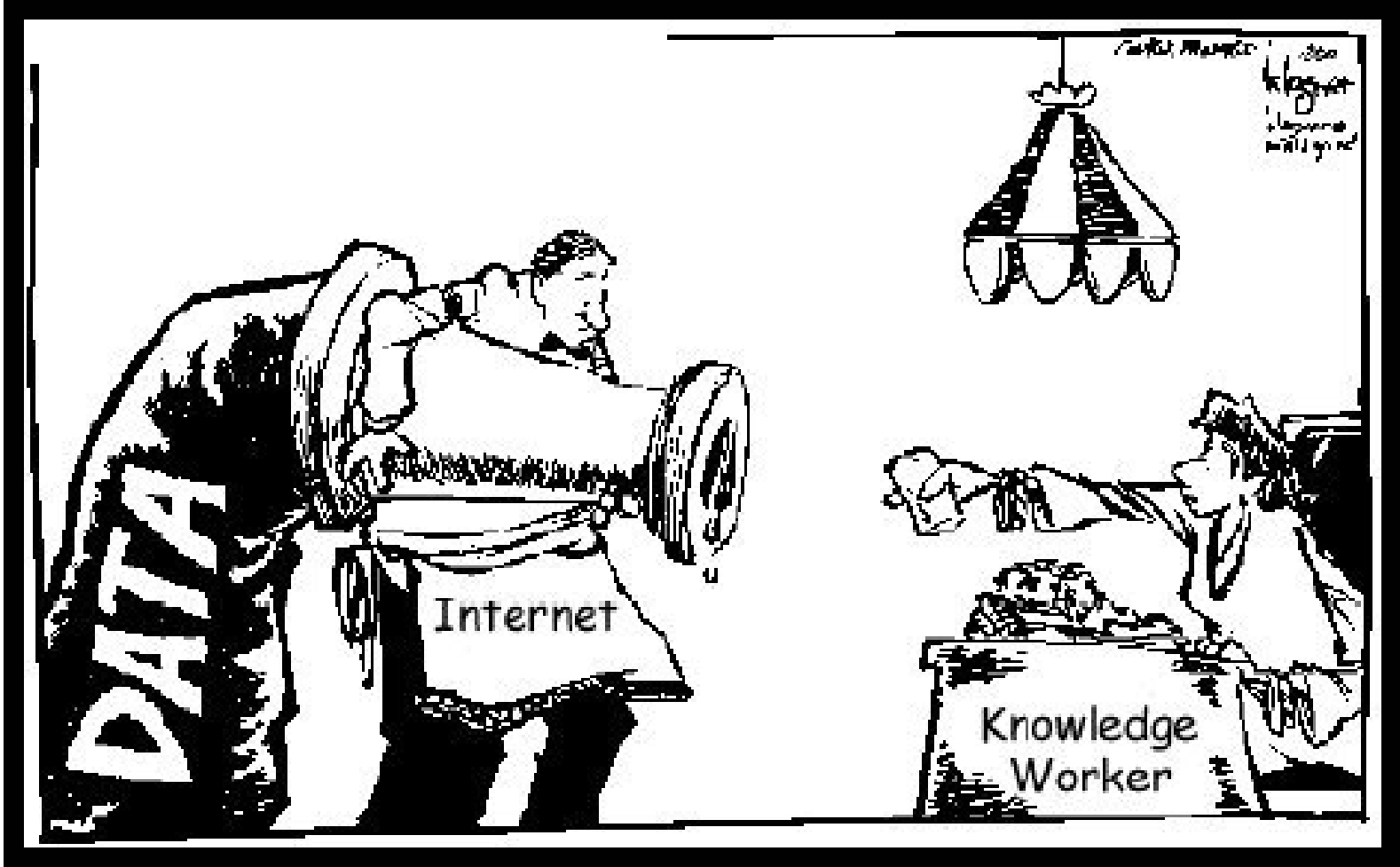
... to create an Biodiversity Knowledge Agenda!

Data/information is not knowledge

One definition of knowledge

- Knowledge is the living body of all experiences, learnings, information, and other knowledge resources that are consciously and unconsciously bundled in daily life to create one´s future.

- As such, knowledge is a living process built on knowledge resources, but also on the capacity of bundling these knowledge resources to take action for a better future.

Implicit/Tacit vs Explicit Knowledge

Implicit/tacit Knowledge

- subjective, personal
- experience
- valid only here and now
- related to specific context
- practise

Explicit Knowledge

- objective
- rational
- generic
- does not depend on a context
- theory

Implicit/Tacit Knowledge

Explicit Knowledge
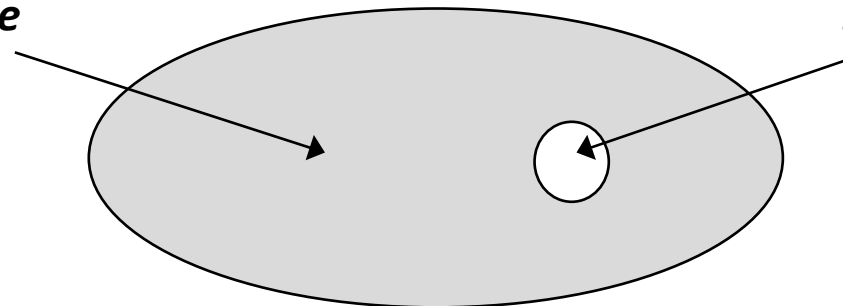
Three categories of knowledge

Knowledge is ..

- **Human knowledge**
  leaving the organization every evening

- **Codified knowledge**
  remaining in the company when people leave

- **External knowledge**
  staying outside but being relevant to operations

What can you see?
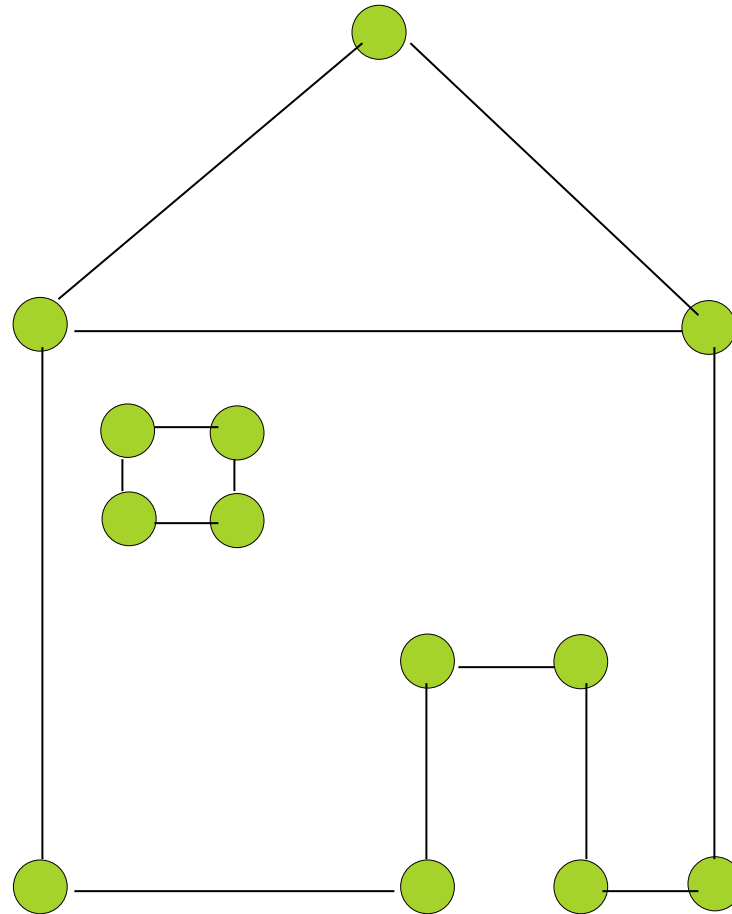
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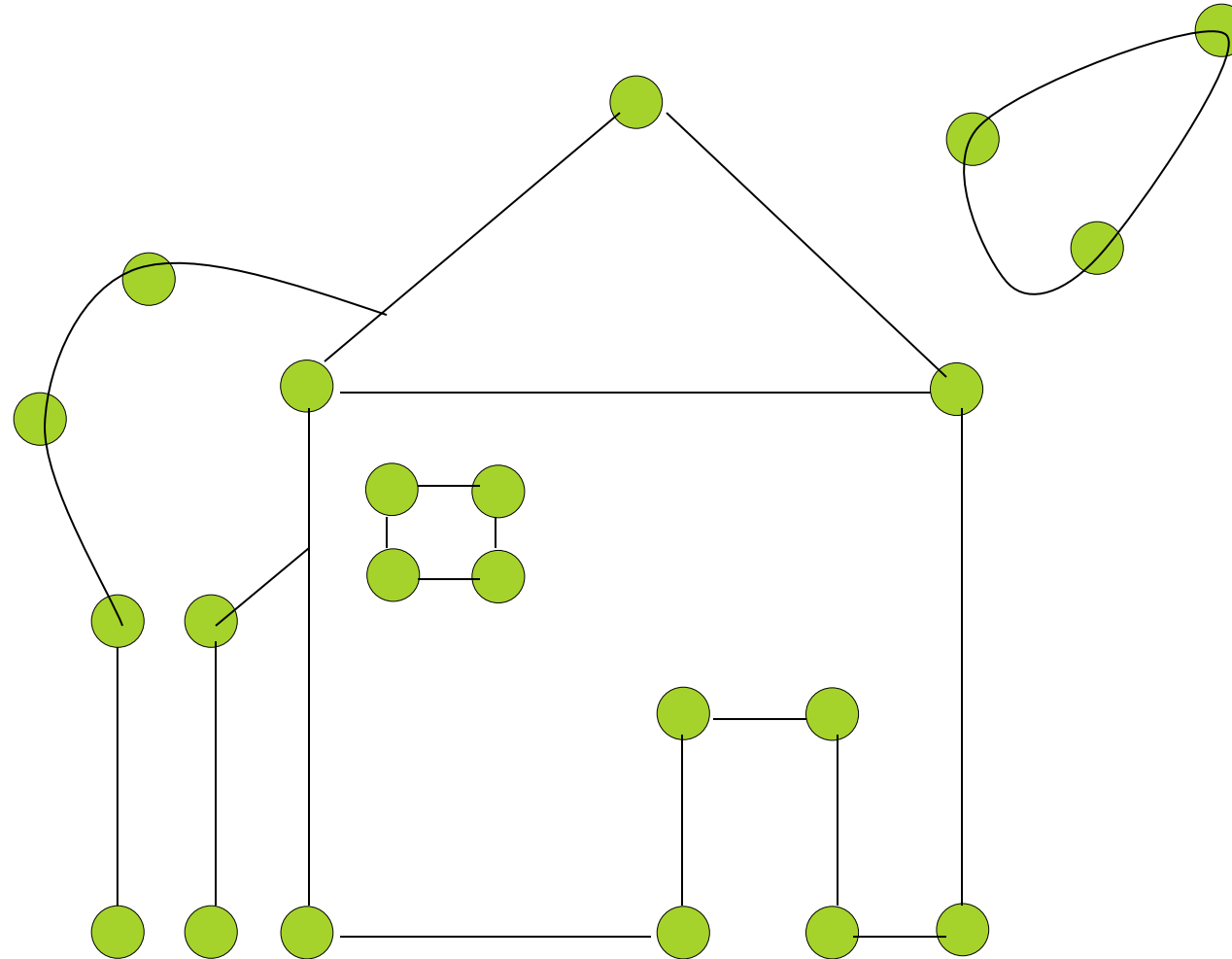
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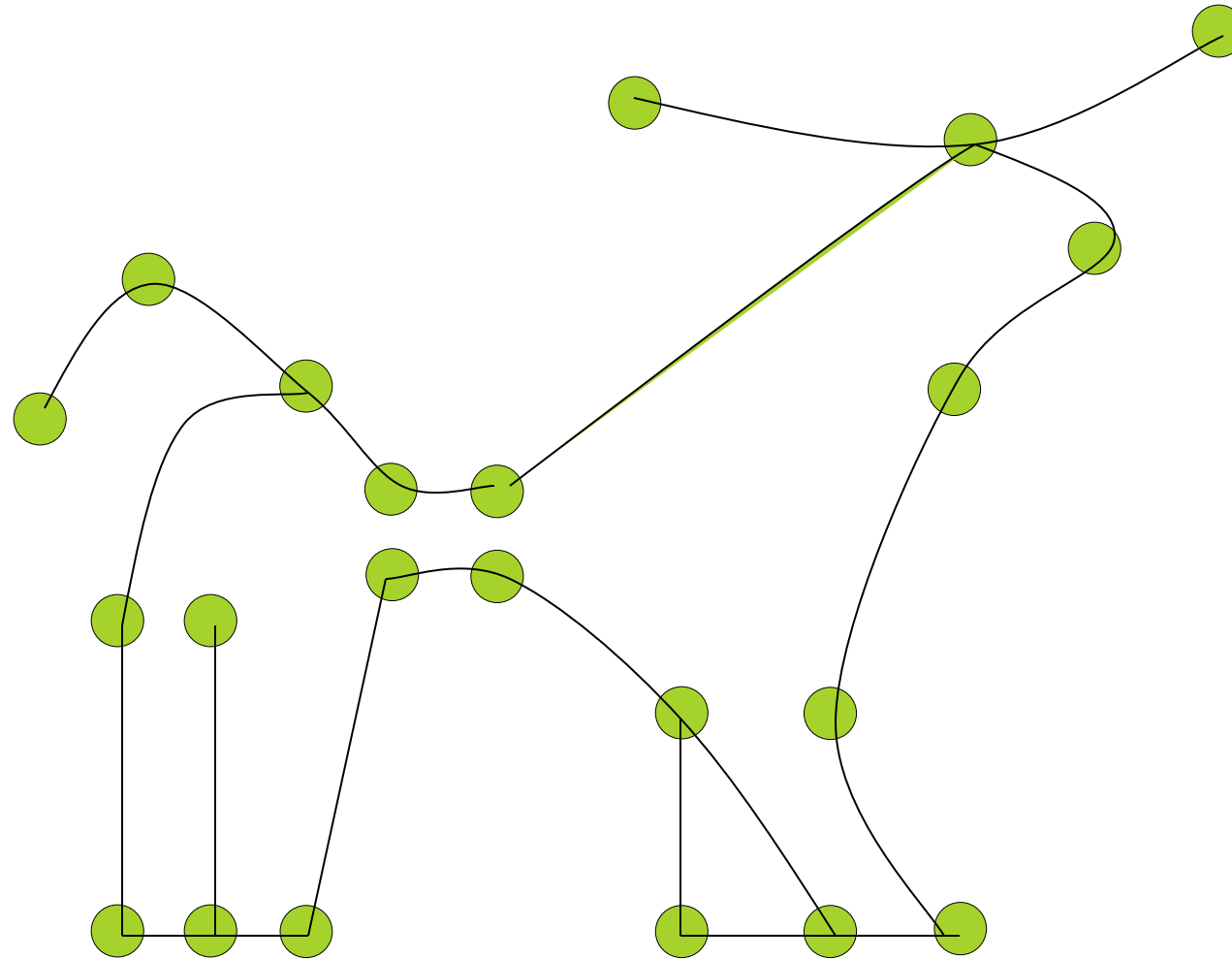
The steps to competitiveness

Competitive ness

Competence + Uniquness

Action + Added value

Ability + Motivation

Knowledge + Skills

Information + Relation to experience

Data + Meaning

Symbols + Syntax

Strategic KM

Operatational KM
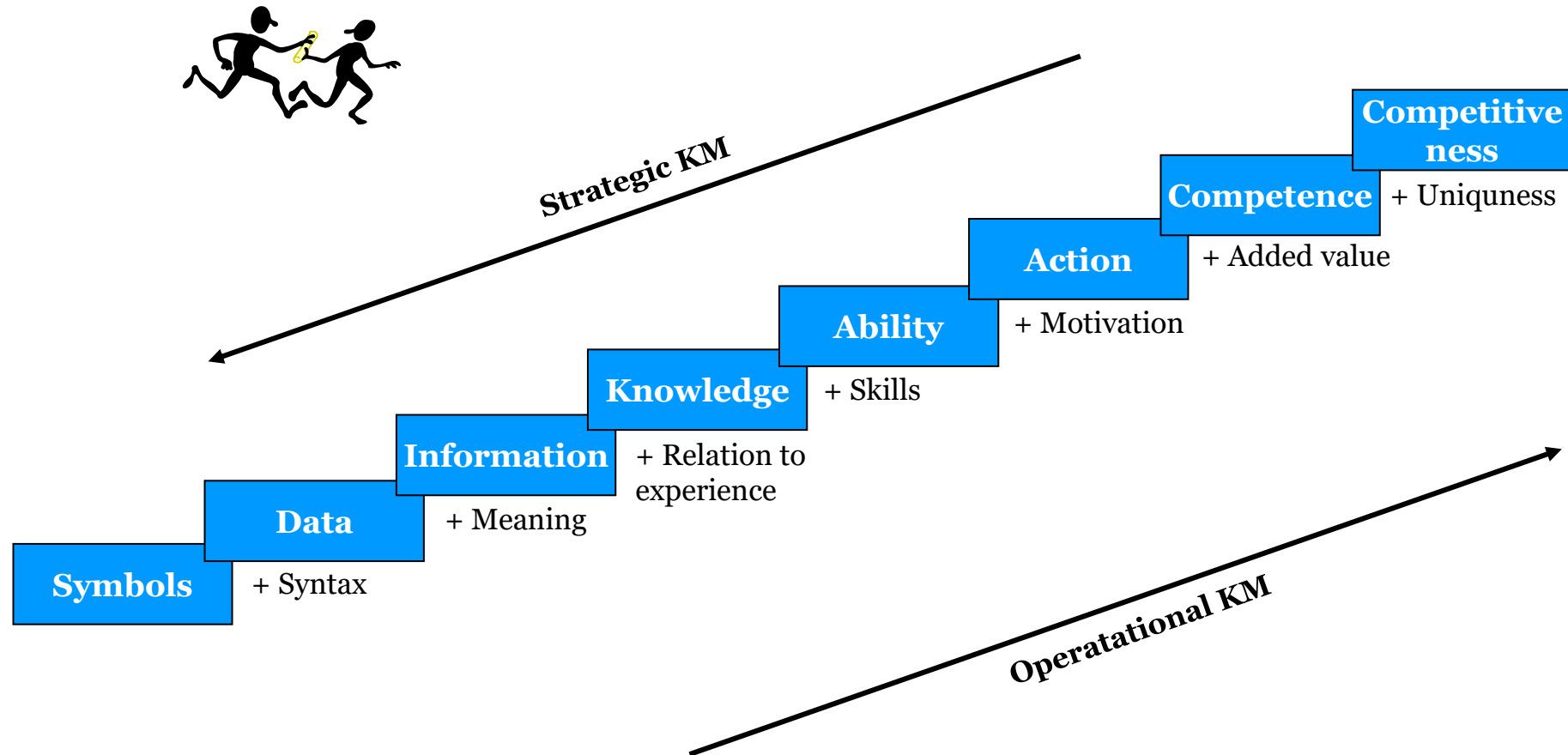
Source: Klaus North, Wissensorientierte Unternehmensführung, 2002

Knowledge Management: Our definition

Knowledge Management is

- a targeted, integrated, and systematic approach

- to identifying, acquiring, creating, sharing, applying, and capturing knowledge,

- relevant to achieving the specific objectives of the organization.

Targeted, systematic, integrated Knowledge Mangement
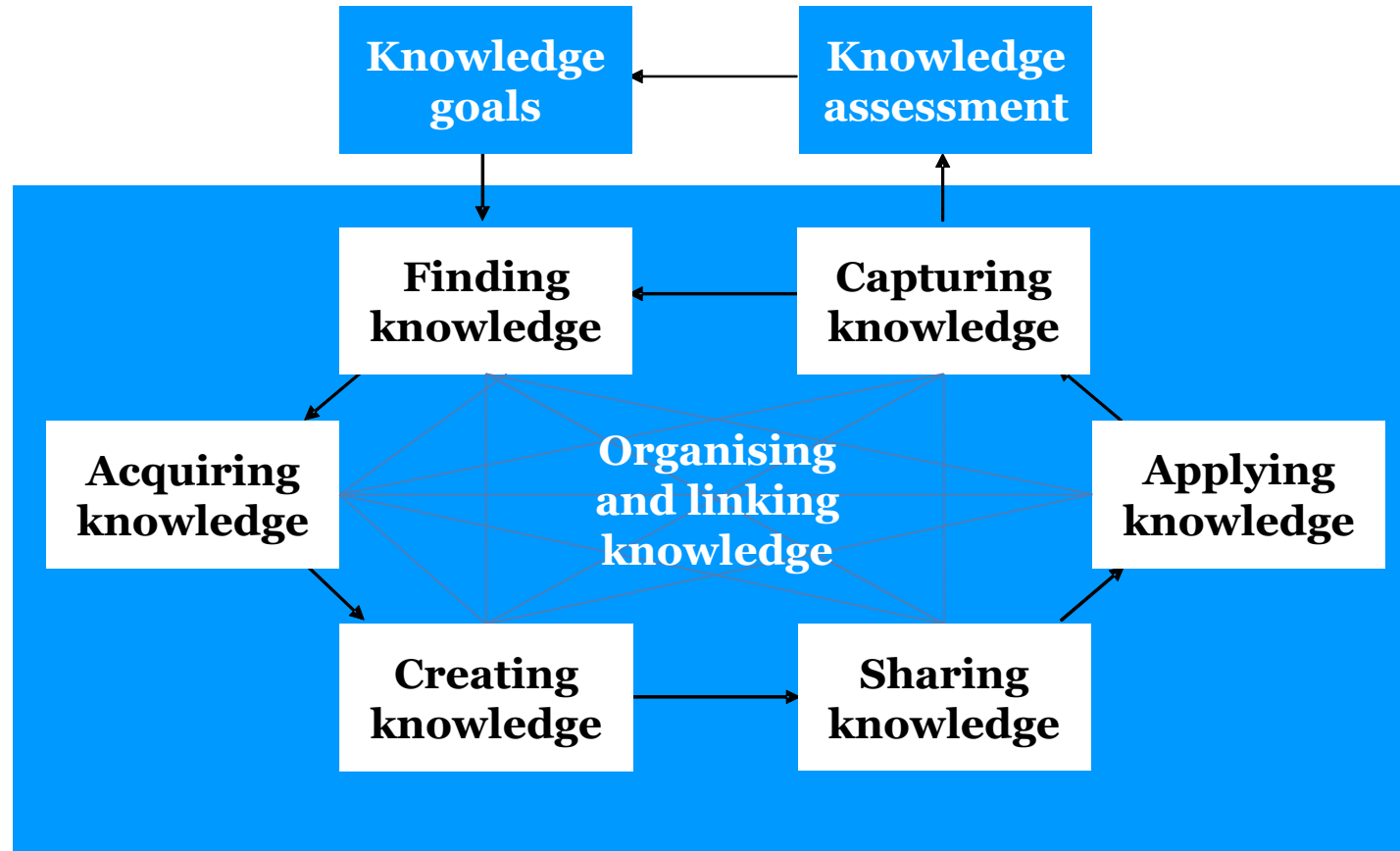
Based on Probst, Raub, Romhardt, Managing Knowledge, 1999

Strategic, targeted, integrated approach to KM:
Biodiversity KM Framework

KM4B
KNOWLEDGE MANAGEMENT FOR BIODIVERSITY CHALLENGE

Knowledge Leadership and Governance

Finding Acquiring

Creating Sharing

Using Capturing

KNOWLEDGE LIFECYCLE

Human Assets
Skills, experiences,..

Structural Assets
open data, knowledge hubs,..

Relational Assets
Networks, Communities of Practice,..

KNOWLEDGE ASSETS

Knowledge Services
Researching, training advising, convening, facilitating, catalysing, communicating, etc.

Products
Publications, extension resources, technology and innovation pratices, policy briefs, articles, videos, etc.

PROCESSES

Organisational Development

Biodiversity Development

SDGs - Global Development

SUSTAINABLE DEVELOPMENT

Monitoring and Learning

Overview

KNOWLEDGE MANAGEMENT FOR BIODIVERSITY CHALLENGE 2023+

Levels of responsibilities

- Knowledge Ecosystems require responsible action on all societal levels with managed linkages between the levels.

1. Knowledge Theory (academic level)

4. Knowledge-based Development
(sectoral, national, global level)

3. Knowledge Management
(organisational level)

2. Knowledge Work
(individual level)

KM4B Challenge: The motivation

- **Knowledge needs to be managed** professionally across organisations to create vital and performative **knowledge ecosystems**.

- **Qualified Knowledge Managers** are needed in all sectors and at all levels, and they profit from joint learning and experience sharing.

- Due to the complexity and distribution of knowledge in the biodiversity they **need to master the KM Challenges together**.

- Solutions shall be **developed and implemented in partnership** based on an integrated KM approach.

- The **KM Challenge has been successfully implemented** in the agricultural sector in cooperation with FARA and all relevant continental partners in 2021 and 2022 – KM4AgD Challenge. See a here: video

Sample outputs of the KM4AgD Challenge 2021/2022
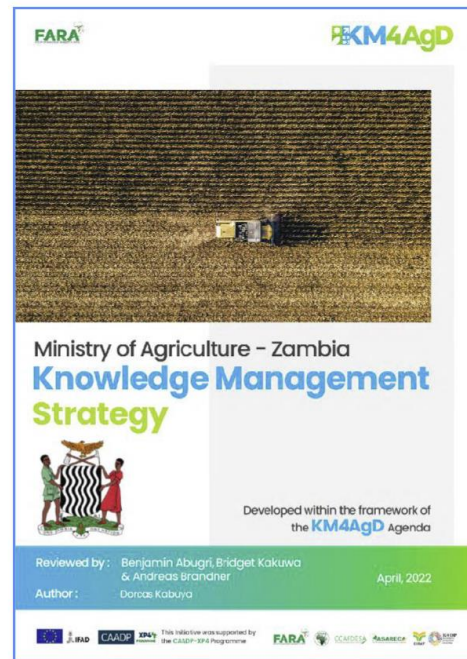
Organisational KM Strategies
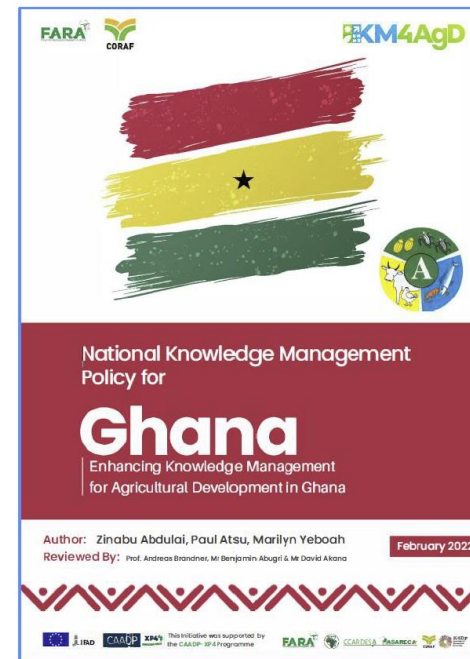
National Knowledge Policy Briefs

Thematic K-Policy Briefs

Knowledge Agenda for Agricultural Development – a great reference for Biodiversity

Knowledge Trees, by Inga Yashina 2021

Art is part of the programme fostering wisdom

KM4B Challenge 2023+

- A **joint programme** of the CBD and the Knowledge for Development Partnership

- **National focal points of all CBD Parties to join the KM4B Challenge 2023**

- **Faculty with 20+ TOP KM experts** with specialisations in Biodiversity

- **20 training sessions** of 1,5 hours and **online learning material** on **organisational** and **sectoral Knowledge Management** with strong interaction and peer collaboration.

- Participants are guided to
  - develop their own organisational **Knowledge Management Strategies**
  - co-create sectoral/national **Knowledge Policy Briefs**
  - jointly develop the **Biodiversity Knowledge Agenda**

- Participants shall be awarded "**Certified Knowledge Managers for Sustainable Development**"

- Solutions and findings are presented at regional **conferences**

- **Biodiversity KM CoP launched**

Overview

NATIONAL

KNOWLEDGE MANAGEMENT

Agenda Knowledge for Uganda

Happy knowledgeable citizens

- Diversity and pluralism
- Quality education for all, key knowledge skills
- Empowered youth and generation partnership
- Knowledge inclusion
- Knowledge communication
- Access to ICT
- Knowledge work and entrepreneurship

Knowledge-driven collaborative organizations

- Knowledge-service providers public/private
- Knowledge, learning, innovation Management
- Digitalization
- Knowledge acquisition
- Investment in knowledge services and technology
- Knowledge export and knowledge tourism
- Stronger linkage of companies with schools and academic institutions

Sustainable knowledge society

- Ugandan knowledge identity and heritage
- K-strategies and k-partnerships in sectors
- Diaspora knowledge and knowledge of immigrants
- International knowledge networks and leadership
- Open knowledge, smart public services
- K-cites and k-spaces
- Religion, art, and culture

KM4PADU: KM for the Public Administration of Uganda

Knowledge Spaces (05)
- Knowledge Tower
- Knowledge Centres
- Knowledge Garden
- Knowledge Village
- In-house K-Spaces

Sectoral KM (02)
- Standard for K-Partnerships
- K-Partnership for Education
- 4 Sector K-Partnerships
- Hosting KM4D Challenges
- 2 Business Clusters as pilots

Organisational KM (01)
- KM in the IMS
- KM4PAdU Community
- Linked data
- K-Processes and Support
- Knowledge Hub for KM

National KM (03)
- National K-Agenda
- Knowledge Fund
- K4D Centre
- Knowledge awareness
- Traditional Knowledge

International KM (04)
- Africa Knowledge Agenda
- KM4D Award
- Intl. Knowledge Networks
- Centres of Excellence
- Host and facilitator

Agenda Knowledge Process

Projects and thematic workshops

Council

Conference Agenda Knowledge

Development/Review of the Knowledge Agenda

Projects and thematic workshops

Council

Knowledge Agenda Round Table

Projects and thematic workshops

Facilitation by a professional facilitator

January - March | March | April - September | September | October-December

Q&A - discussion

Contact

Prof. Dr. Andreas Brandner, Executive Director

Knowledge for Development Partnership

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- **www.k4dp.org**

My background

- Executive Director, Knowledge for Development Partnership (www.k4dp.org)

- Core team member, km4dev Community (km4dev.org)

- Managing Director, Knowledge Management Austria

- Adj. Professor, Makerere University Business School in Kampala, Uganda

- Director, Joint Centre for Knowledge Sciences, International University of Management, Namibia

- KM Advisor, ADB

- Scientific Lead, Knowledge Management for Development Challenges

- Headquartered in Vienna/Austria, acting globally