

*Münchener Tagung zur Rechtsvisualisierung  
13. und 14. November 2008*

# **Juristische Mandala- Visualisierungen**

*Friedrich Lachmayer*

*Münchner Tagung zur Rechtsvisualisierung  
13. und 14. November 2008*

# **Juristische Mandala- Visualisierungen**

- 1. Visualisierung von Mikrokontent*
- 2. Visualisierung von Multilevelmodellen*
- 3. Gesamtlandkarte - „Mandala“*

1.

# Visualisierung von Mikrokontent

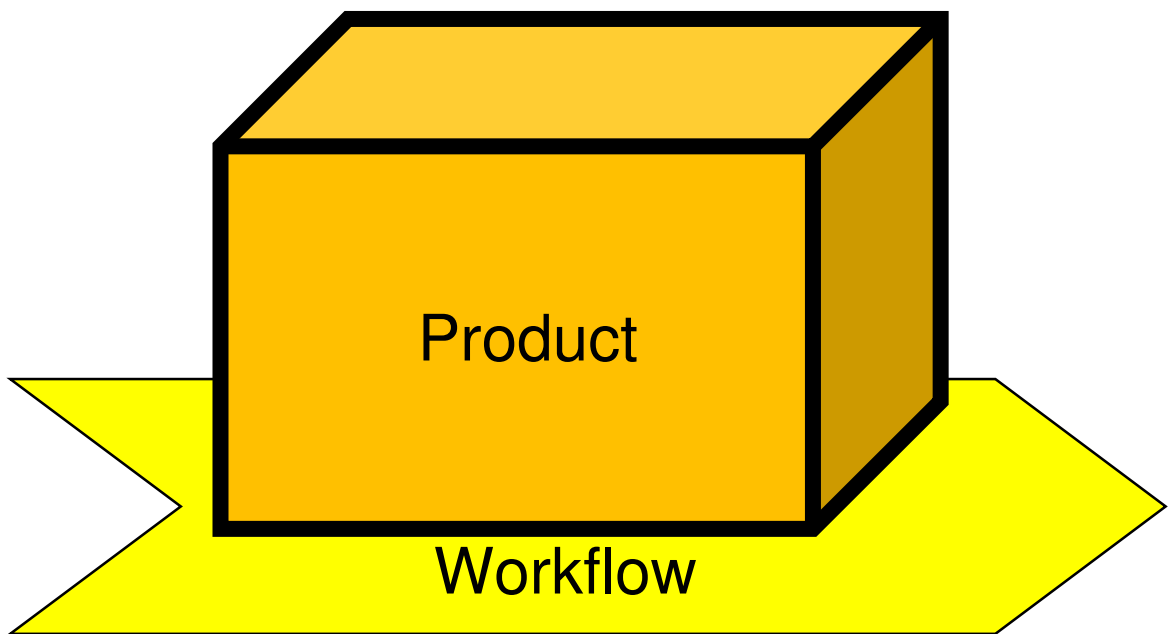
*Law via the Internet*

*Florence , 30-31 October 2008*

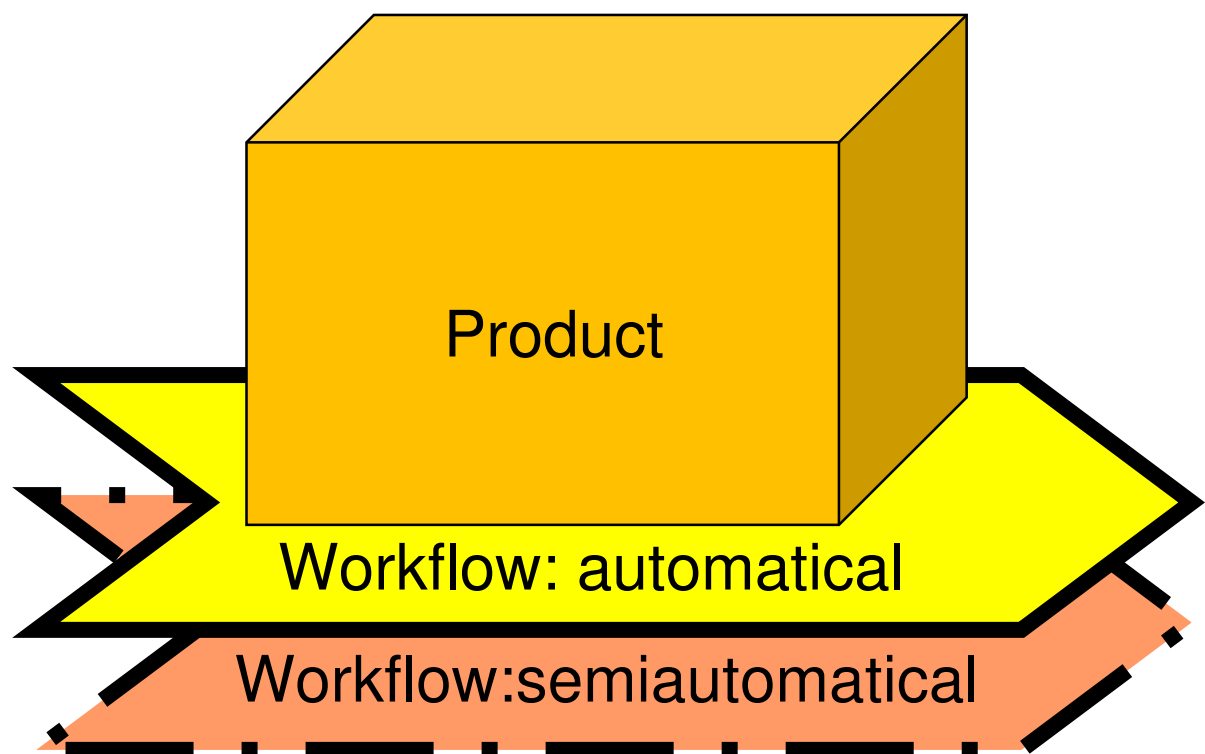
# **ICT and Quality of Legal Information**

*Harald Hoffmann – Friedrich Lachmayer*

# Legal Act as an Product



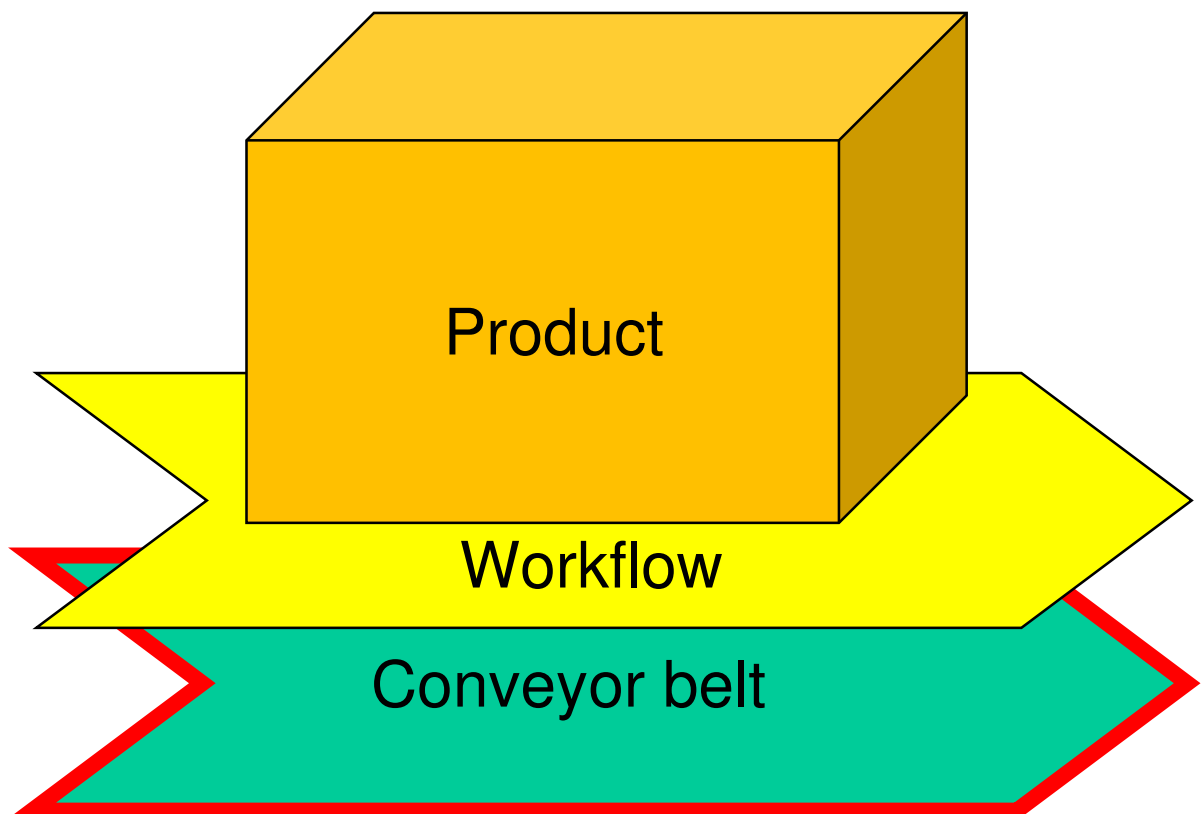
# Production: Automatical versus Semiautomatical Workflow



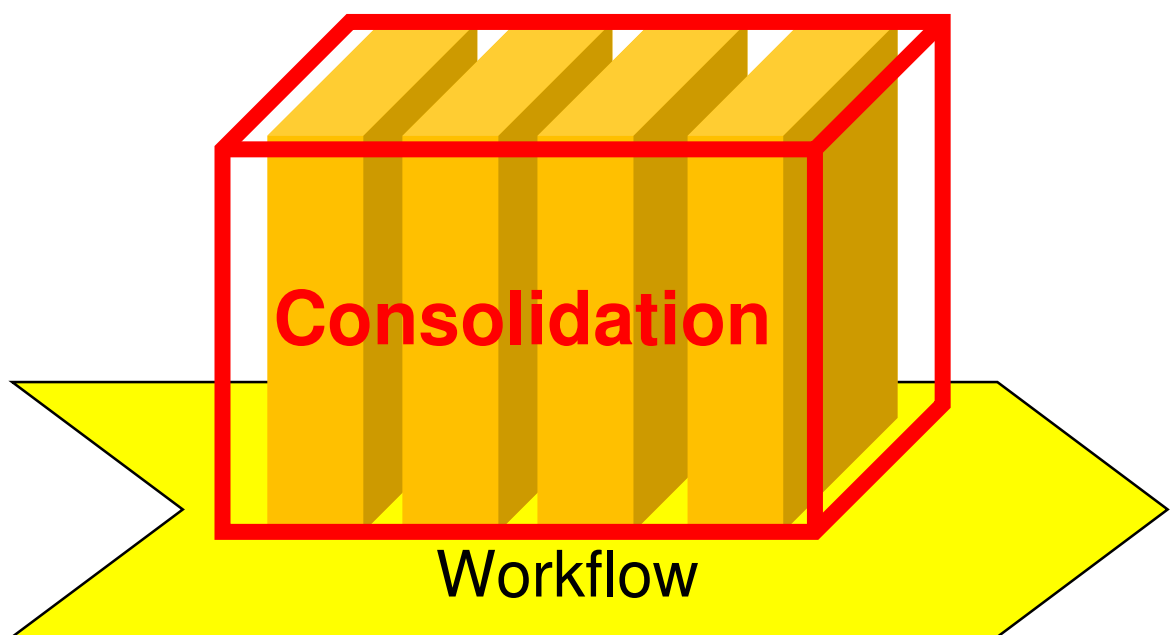
→ *Quality of LI*

# Legal Act as an Product

## Workflow as a production process



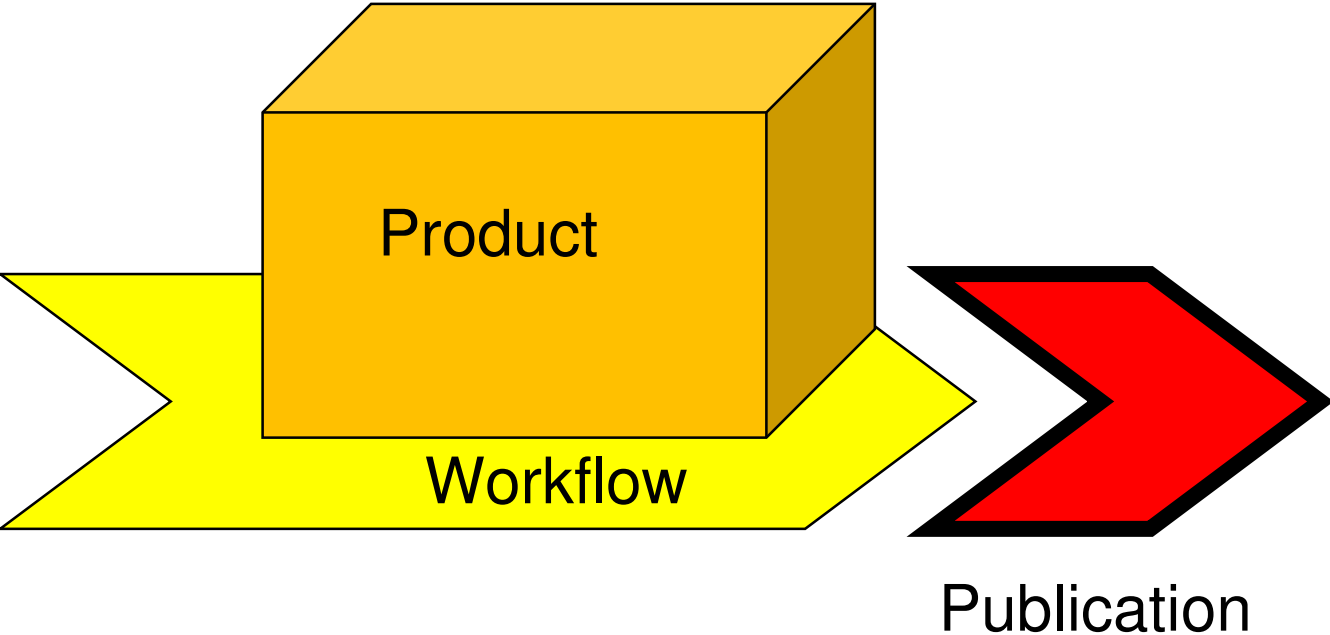
# Legal Act as an Product



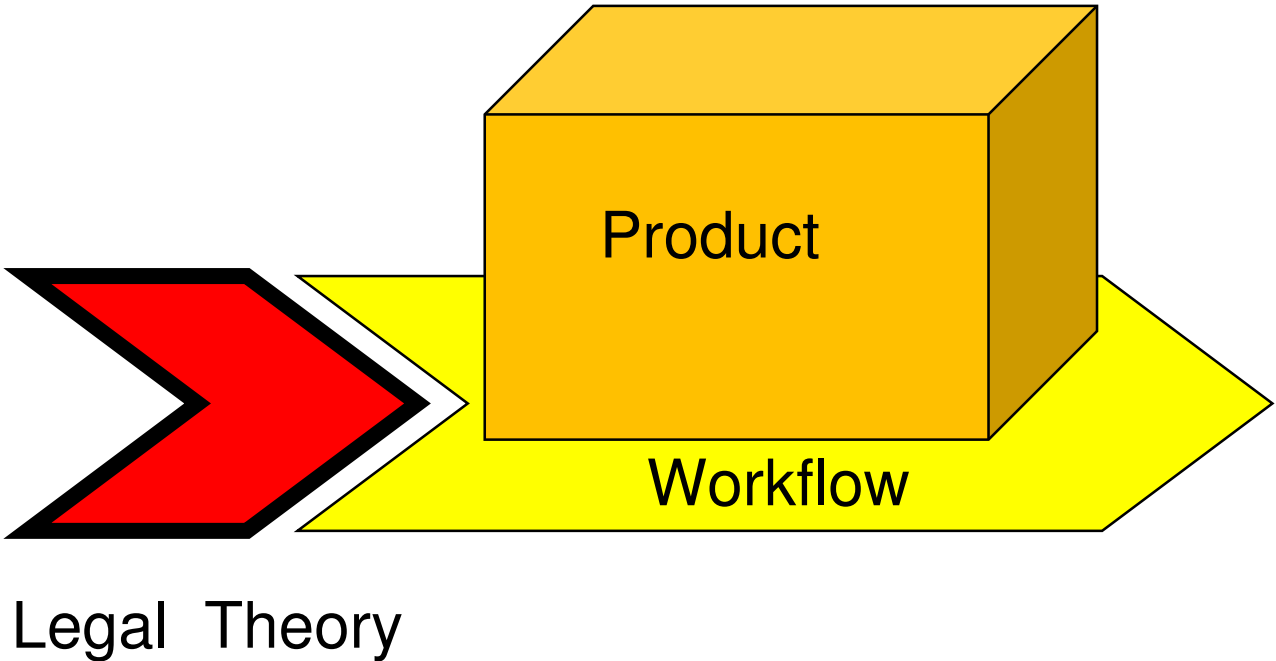
**→ Quality of LI**



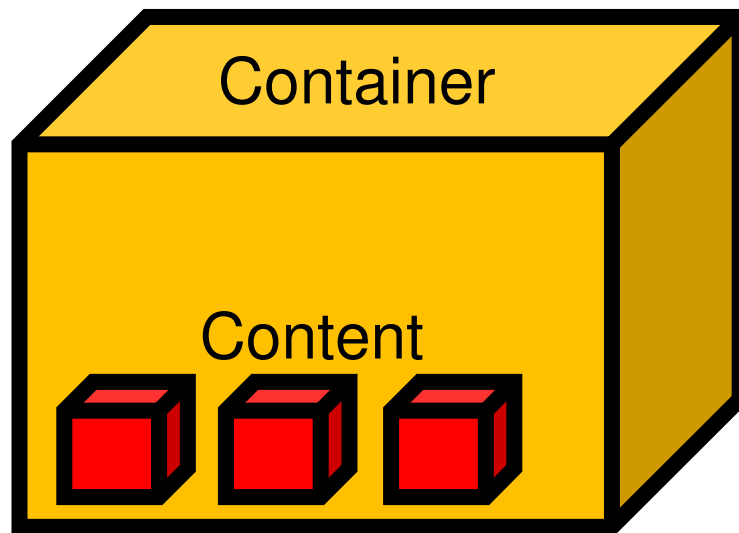
# Distribution of the Legal Product



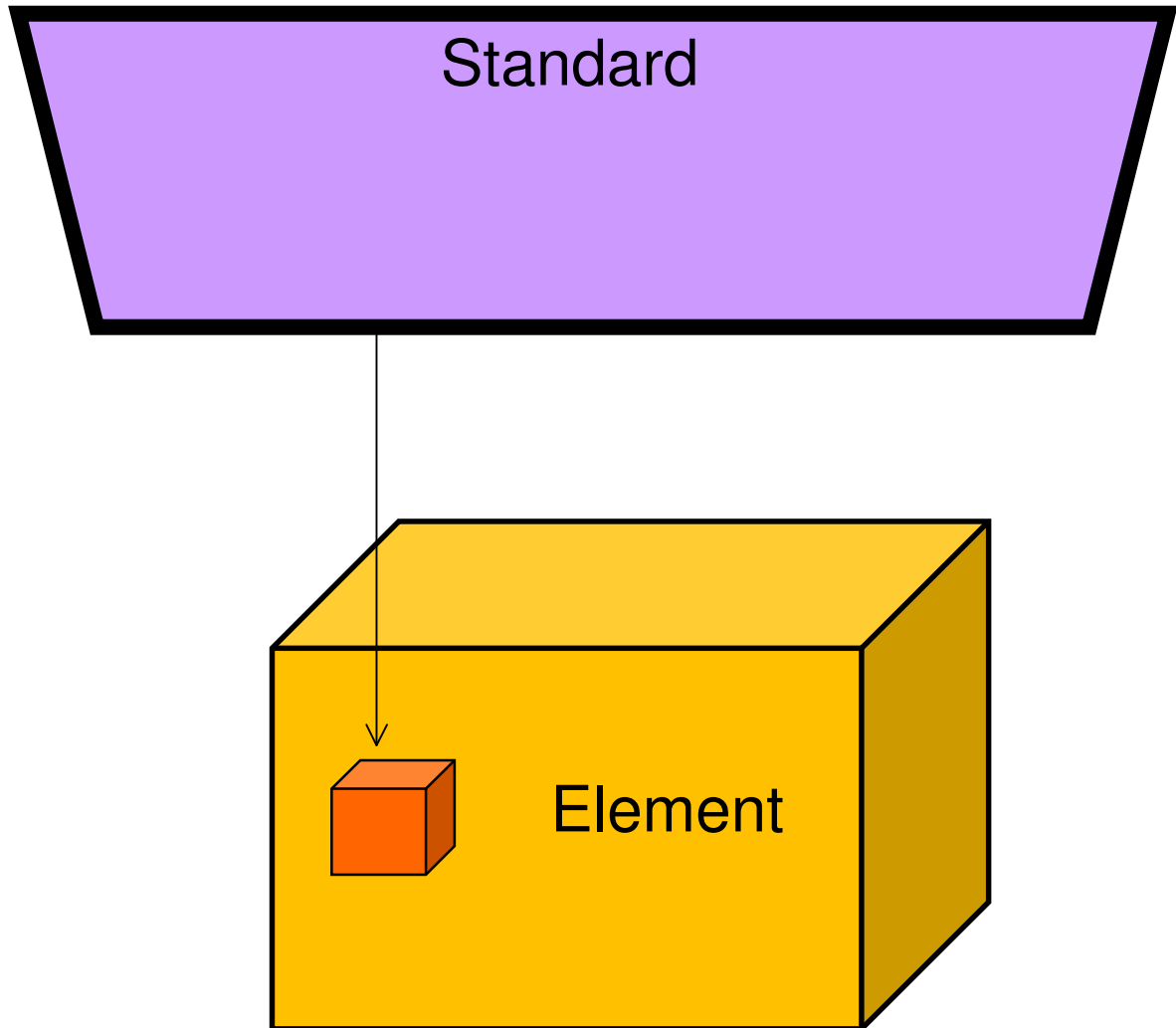
# Legal Theory as an Input for Legal Products



# Legal Container – Legal Content

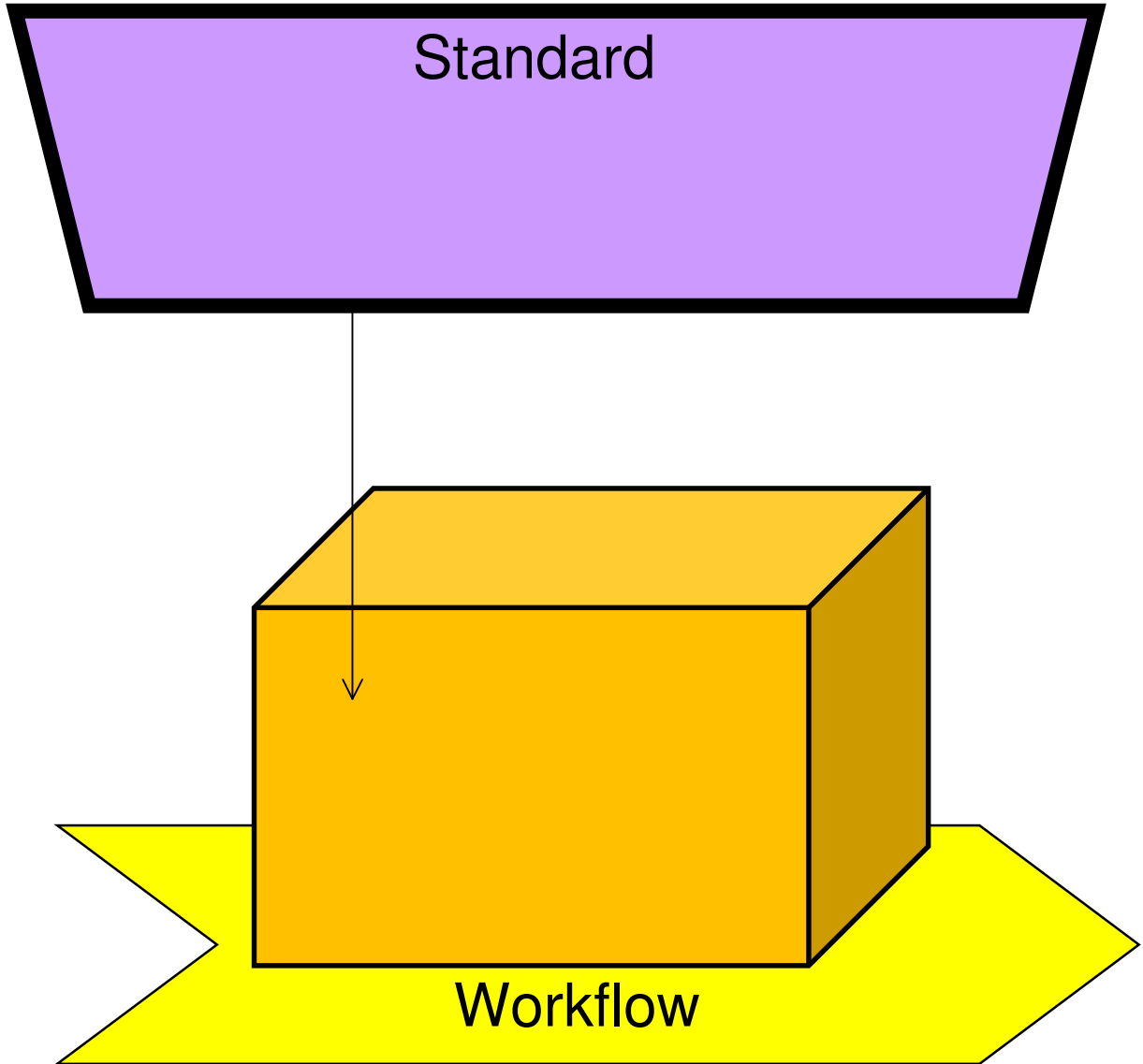


# Legislative Standards



**→ Quality of LI**

**ex ante > ex post**



Rationality :ex ante ← ex post  
Legists ← Documentalists

**→ Quality of LI**

2.

**Visualisierung  
von  
Multi-Level-  
Modellen**

*METADAT: Dr. L. Kotsch – Dr. H. Hoffmann  
1110 Wien, Simmeringer Hauptstraße 24*

*Univ.-Prof. Dr. F. Lachmayer  
1080 Wien, Tigergasse 12/12*

**2a.**

**Multi Level Approach:**

**EU eJustice**

*April 2004*

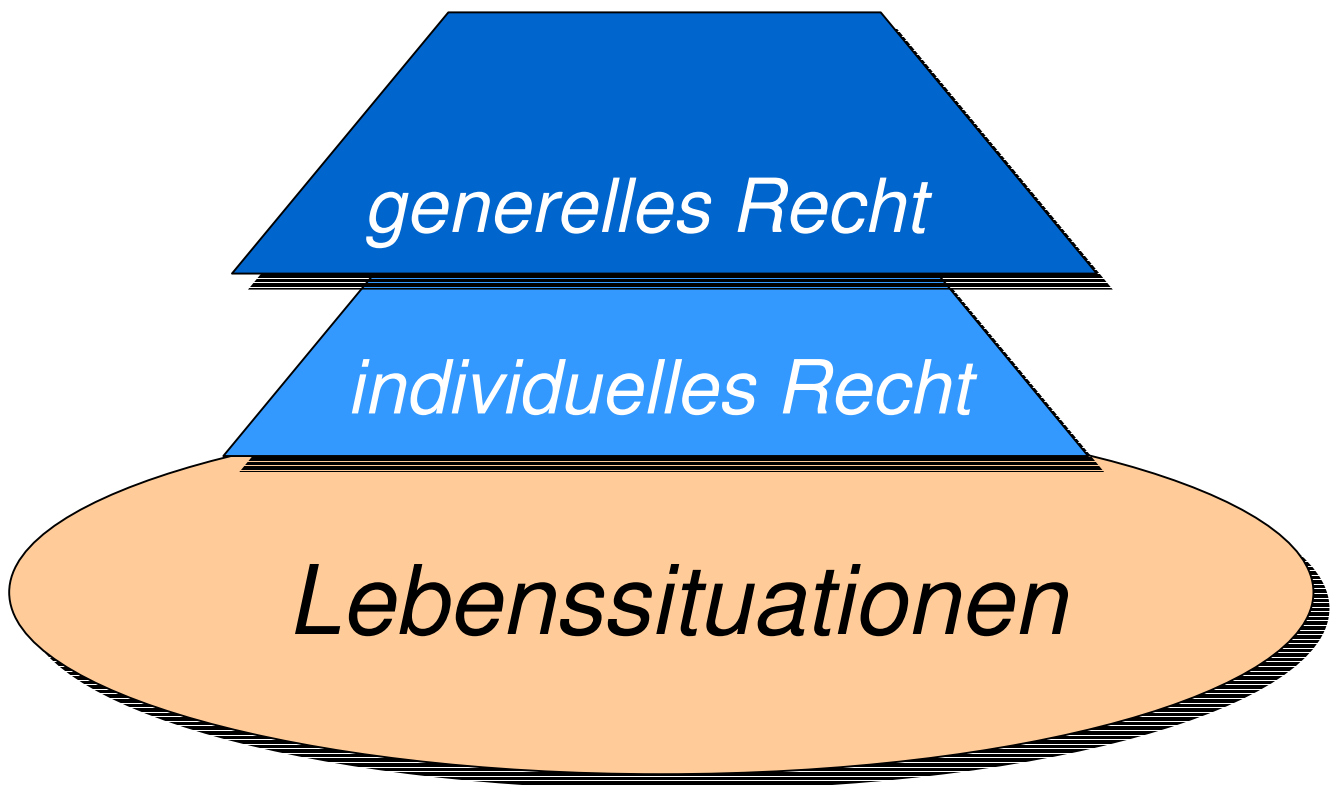
*Lebenssituationen*





*individuelles Recht*

*Lebenssituationen*



**Rechtsinformation**

*generelles Recht*

*individuelles Recht*

*Lebenssituationen*

**Produktionsregeln**

**Rechtsinformation**

*generelles Recht*

*individuelles Recht*

*Lebenssituationen*

**Kategorien → XML  
→ Ontologies**

**Produktionsregeln**

**Rechtsinformation**

*generelles Recht*

*individuelles Recht*

*Lebenssituationen*

*Gesamtkonzept*

**Kategorien → XML  
→ Ontologies**

**Produktionsregeln**

**Rechtsinformation**

*generelles Recht*

*individuelles Recht*

*Lebenssituationen*

*Gesamtkonzept*

**Kategorien → XML  
→ Ontologies**

**Produktionsregeln**

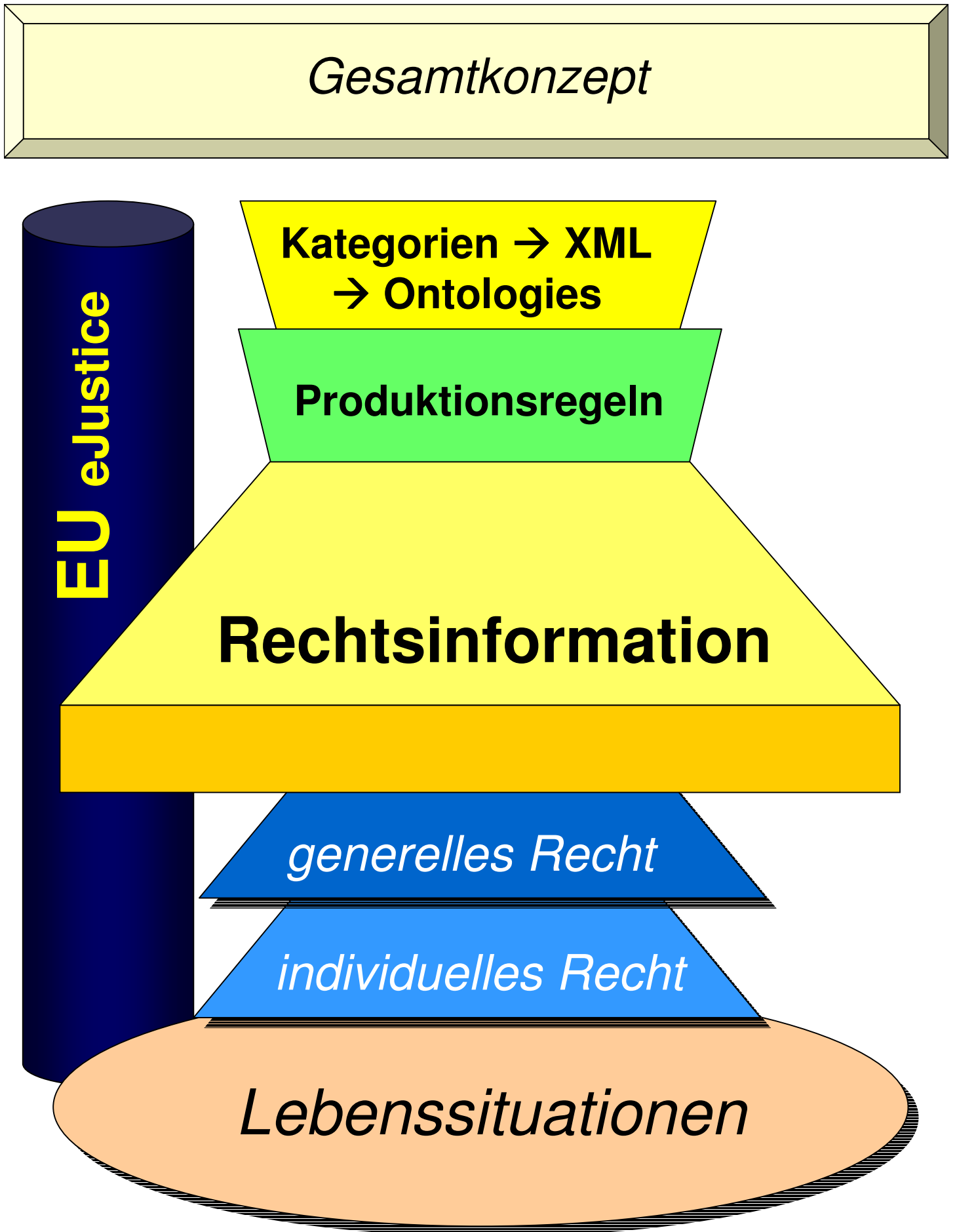
**Rechtsinformation**

*generelles Recht*

*individuelles Recht*

*Lebenssituationen*

**EU eJustice**



*Gesamtkonzept*

**Kategorien → XML  
→ Ontologies**

**Produktionsregeln**

**Rechtsinformation**

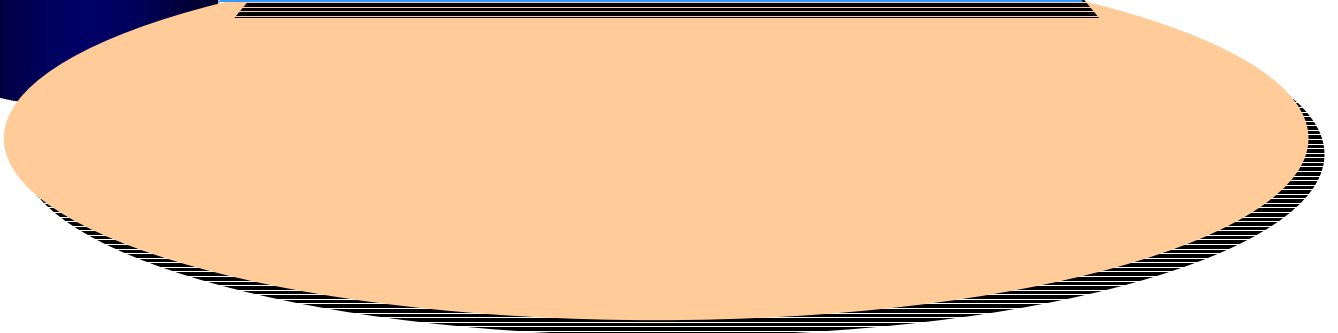
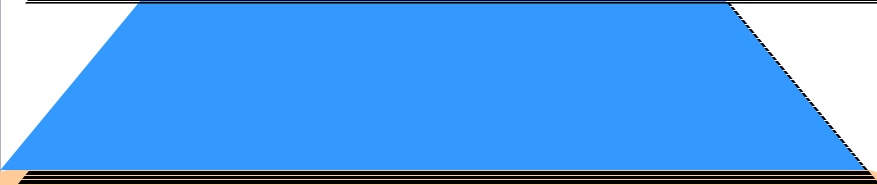
*generelles Recht*

*individuelles Recht*

*Lebenssituationen*

**EU eJustice**





\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

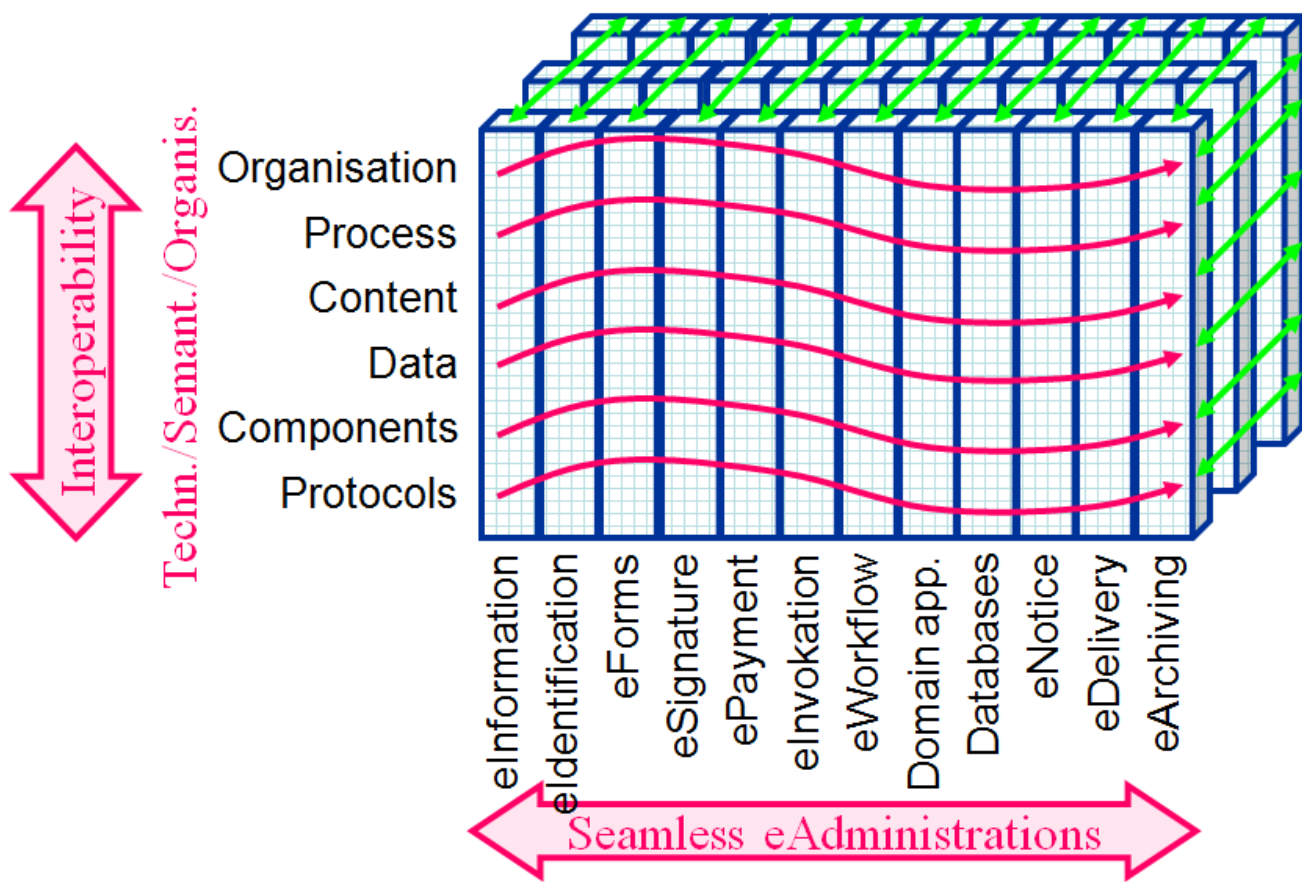
*R4eGov*

**2b.**

**IOP**

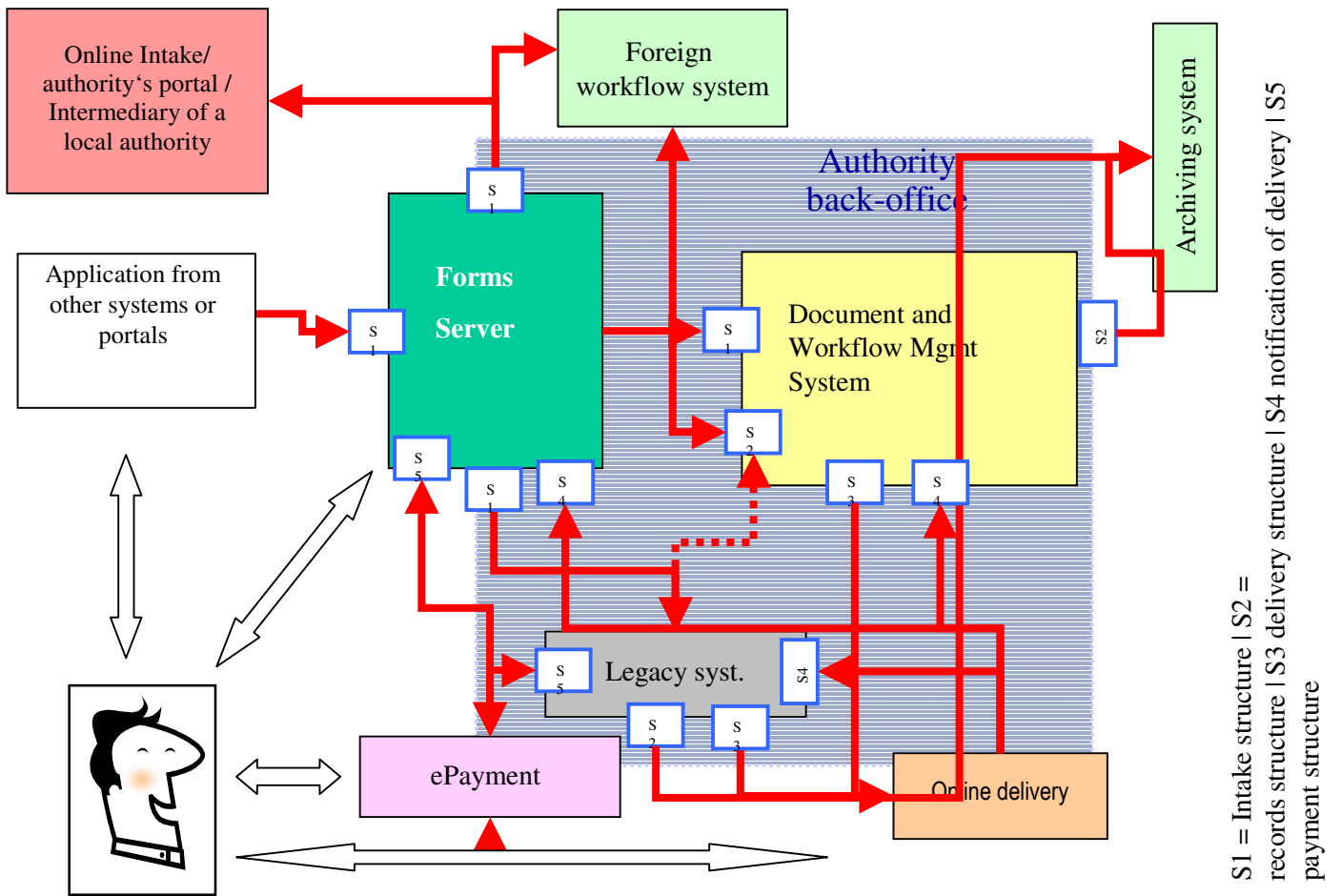
**Interoperability**

# R4-IOP: Methodological Concept & Frame



[Wimmer, 2005]

# Scenario of Interoperable eAdministration by Large – Applications & Interfaces



**3.**

**Gesamtlandkarte:**

**Juristische  
Mandala-  
Visualisierungen**

*WZRI*

# **Syntax und Semantik**

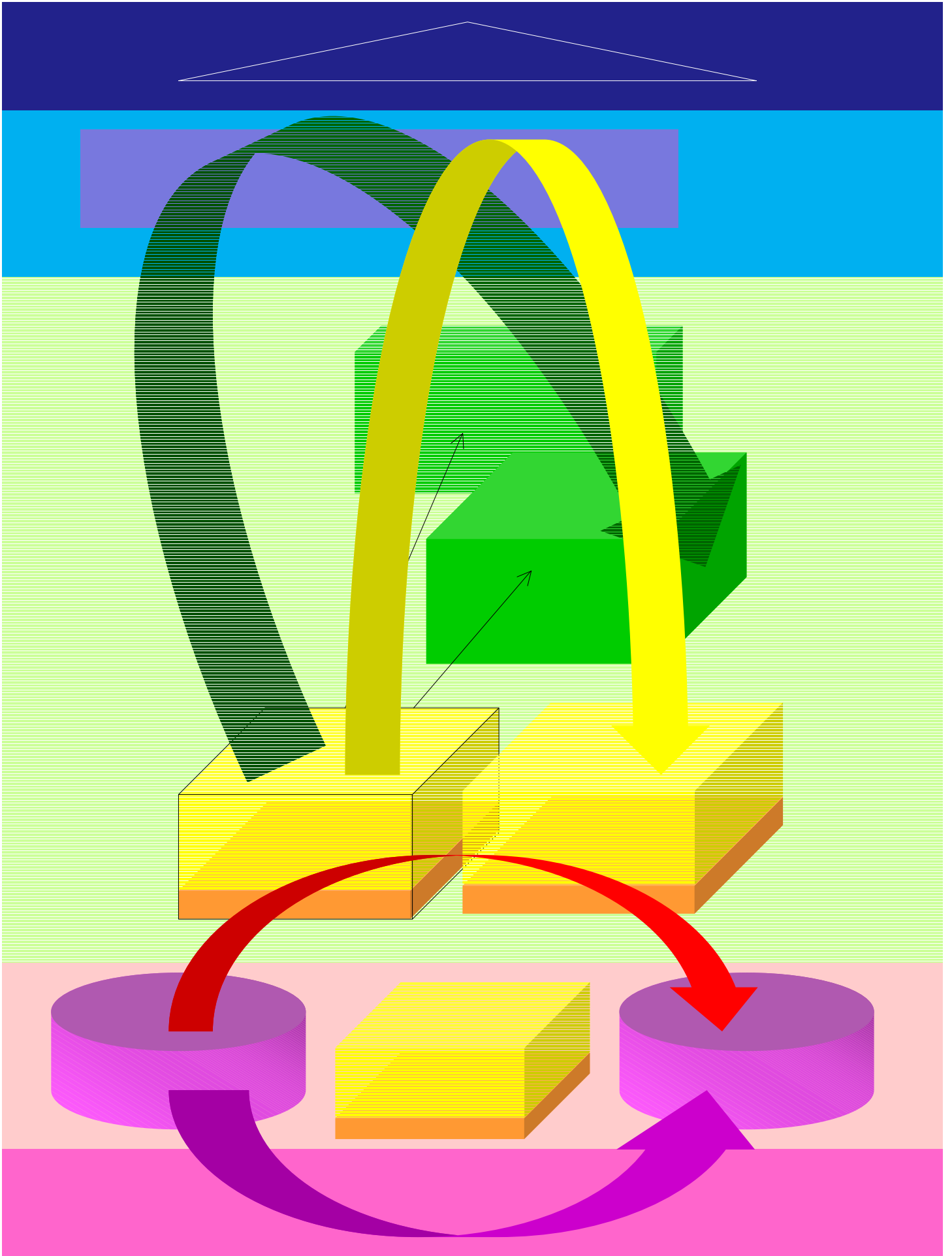
*Friedrich Lachmayer*

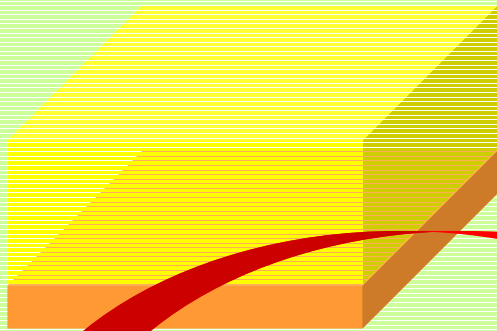
*1. Teil:*

*10. November 2008*

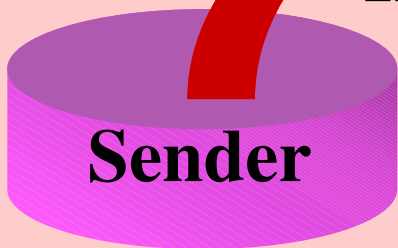
*Juridicum, SE 62*







**Kommunikation**

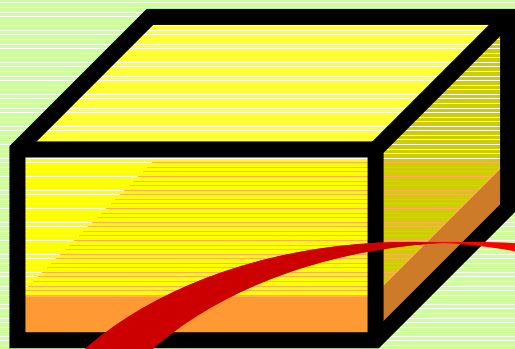


**Sender**



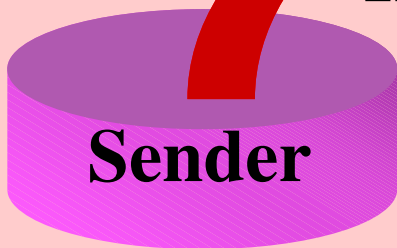
**Empfänger**





**Sprechakt**

**Kommunikation**



**Sender**

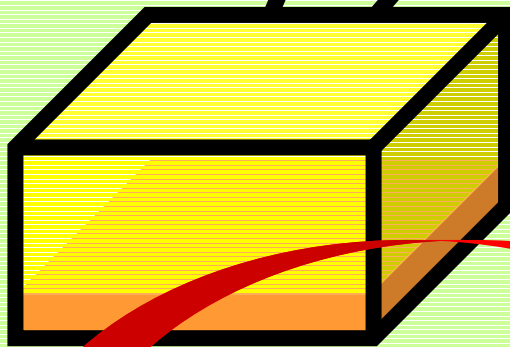


**Empfänger**



**Konstitution  
von Projektaten**

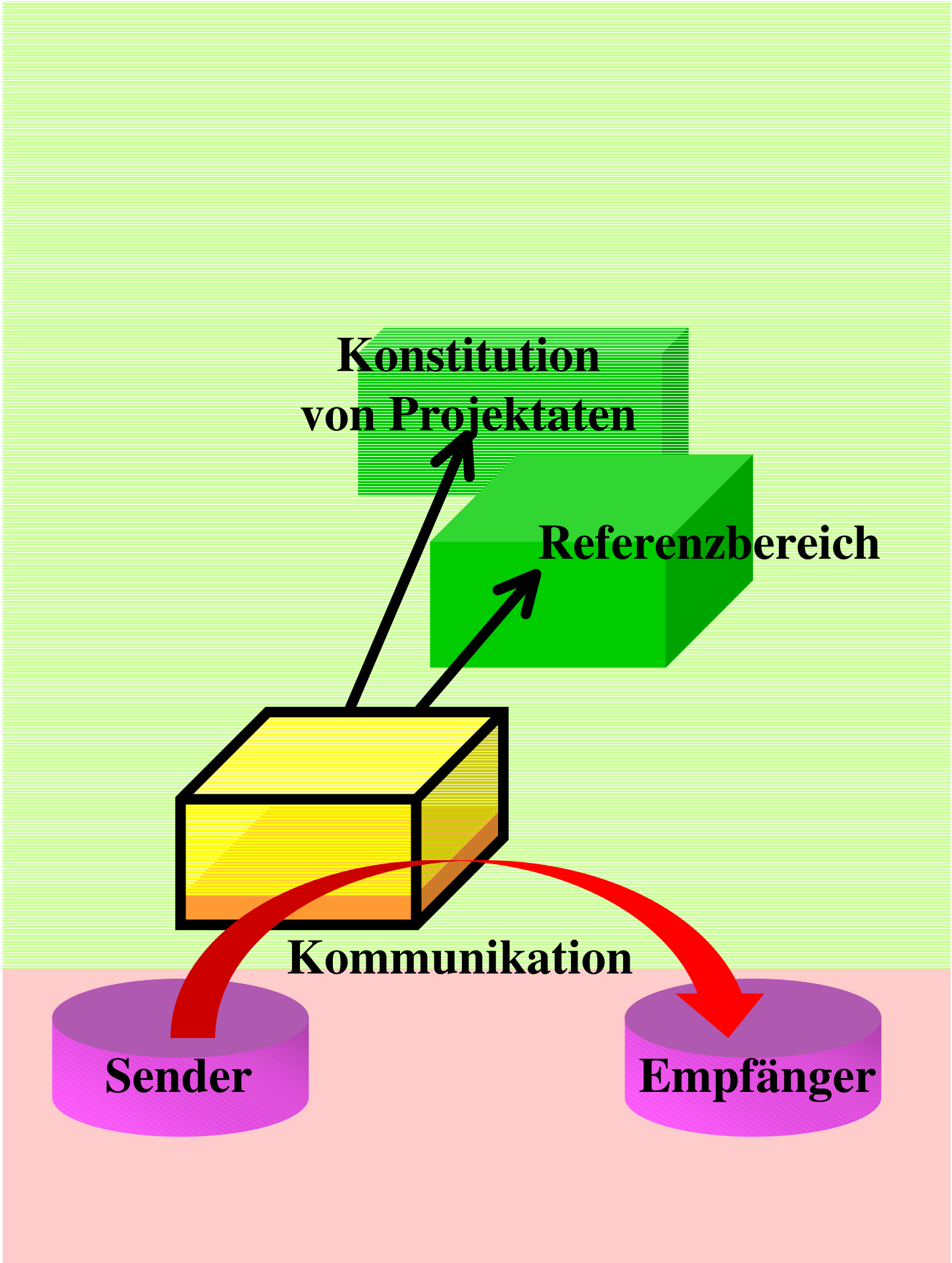
**Referenzbereich**



**Kommunikation**

**Sender**

**Empfänger**



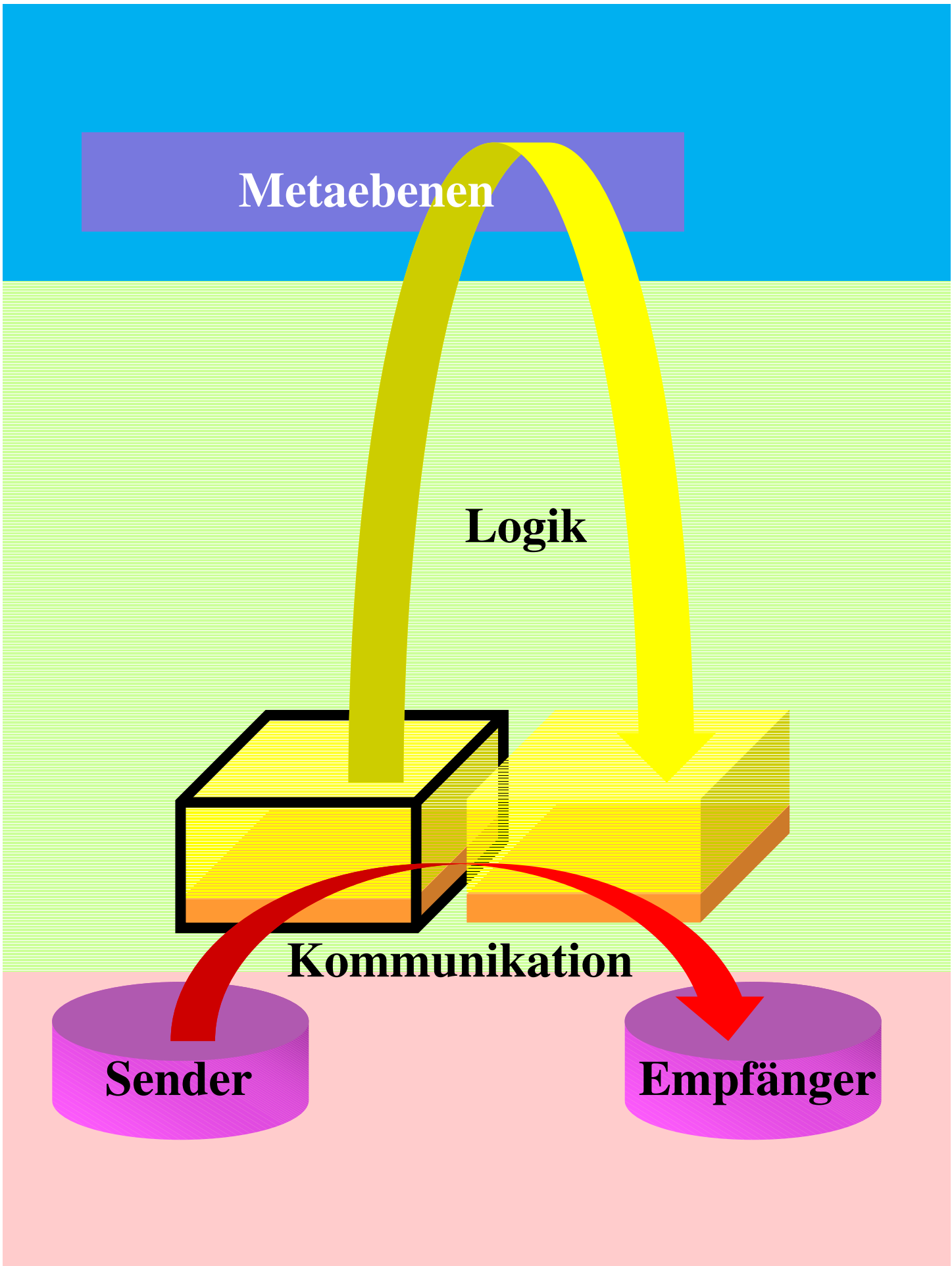
**Metaebenen**

**Logik**

**Kommunikation**

**Sender**

**Empfänger**



# Ideen, Begriffe, Ontologien

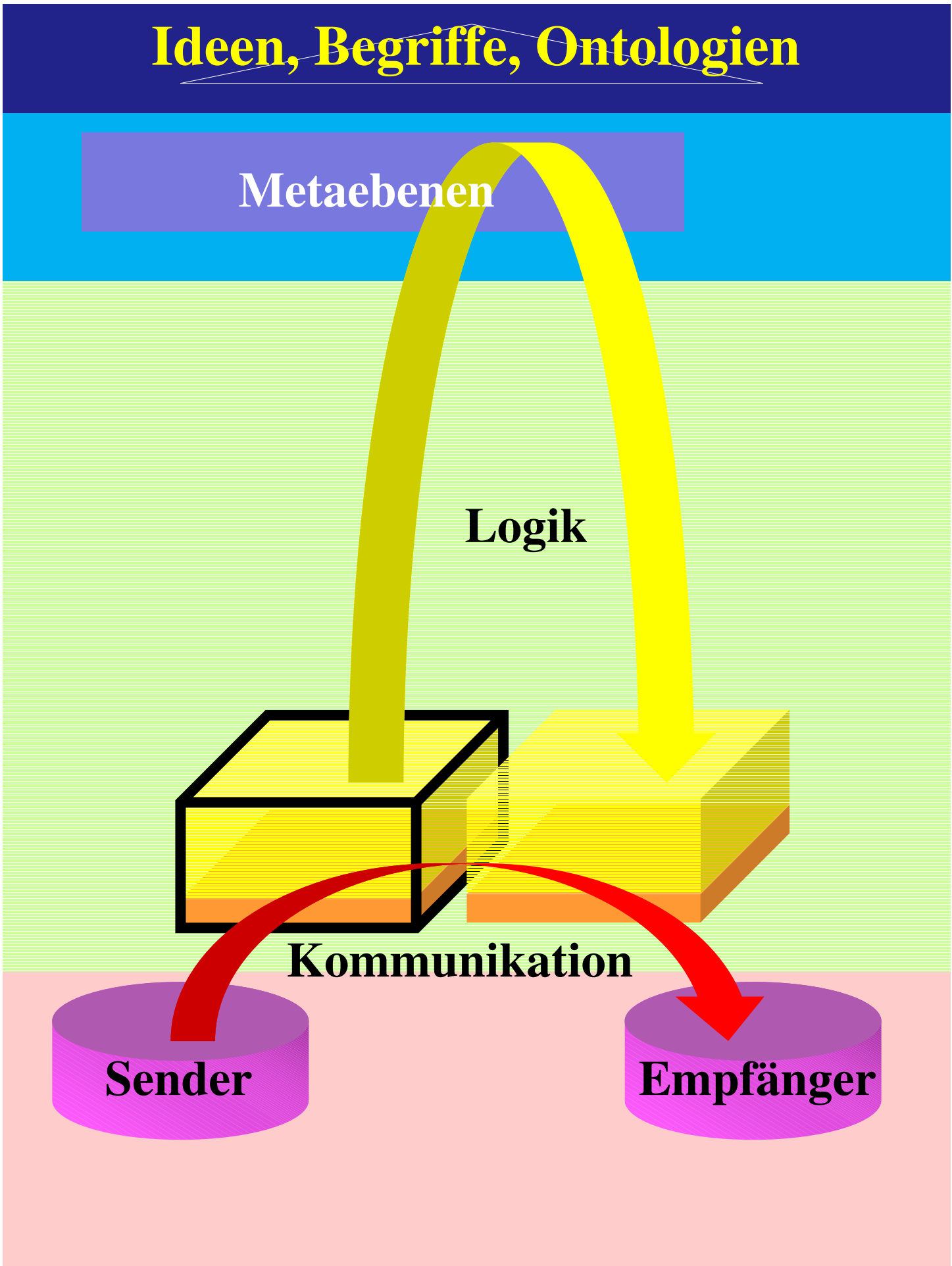
Metaebenen

Logik

Kommunikation

Sender

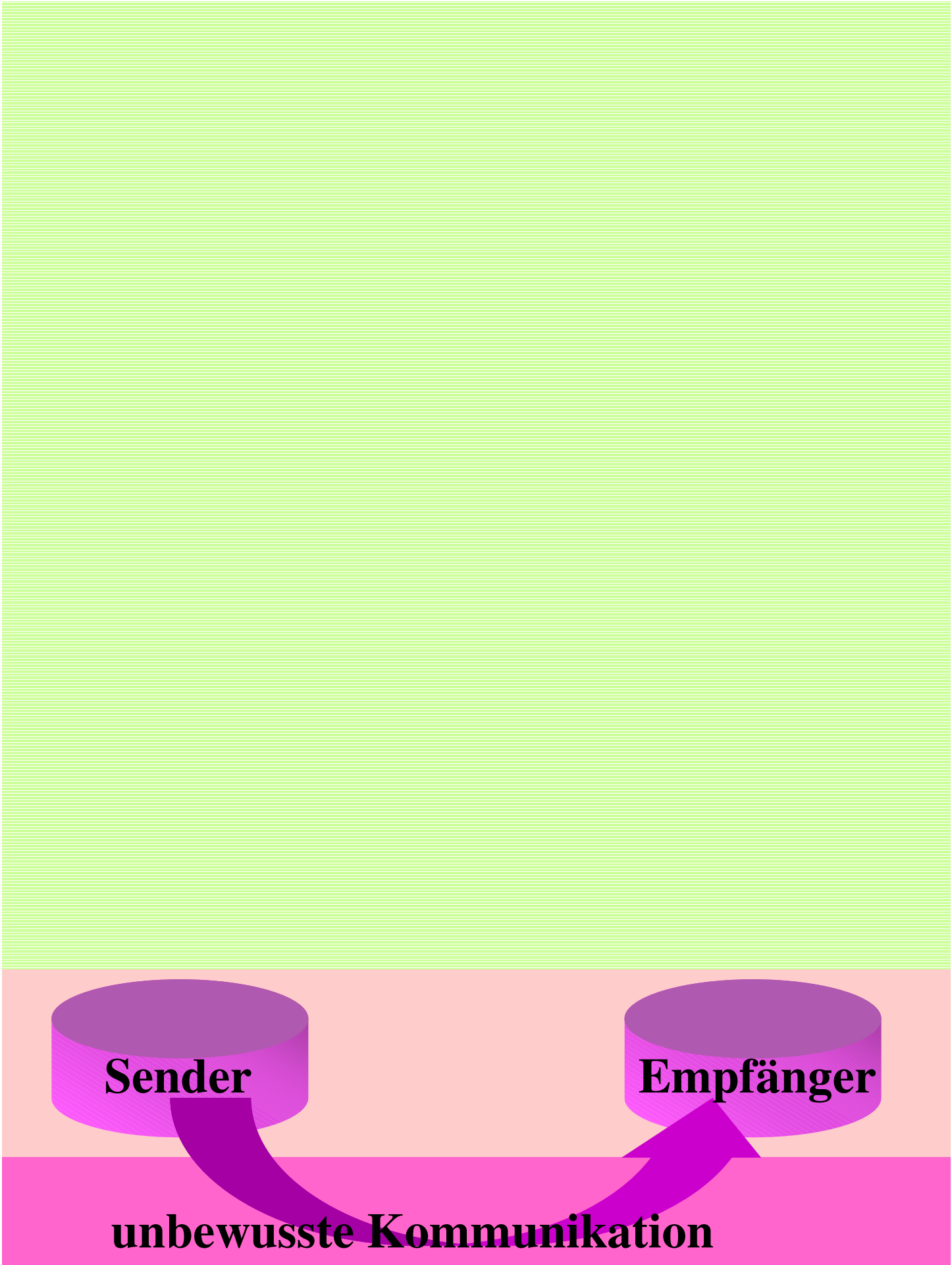
Empfänger

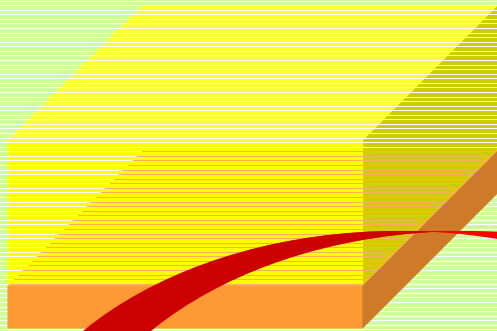


**Sender**

**Empfänger**

**unbewusste Kommunikation**



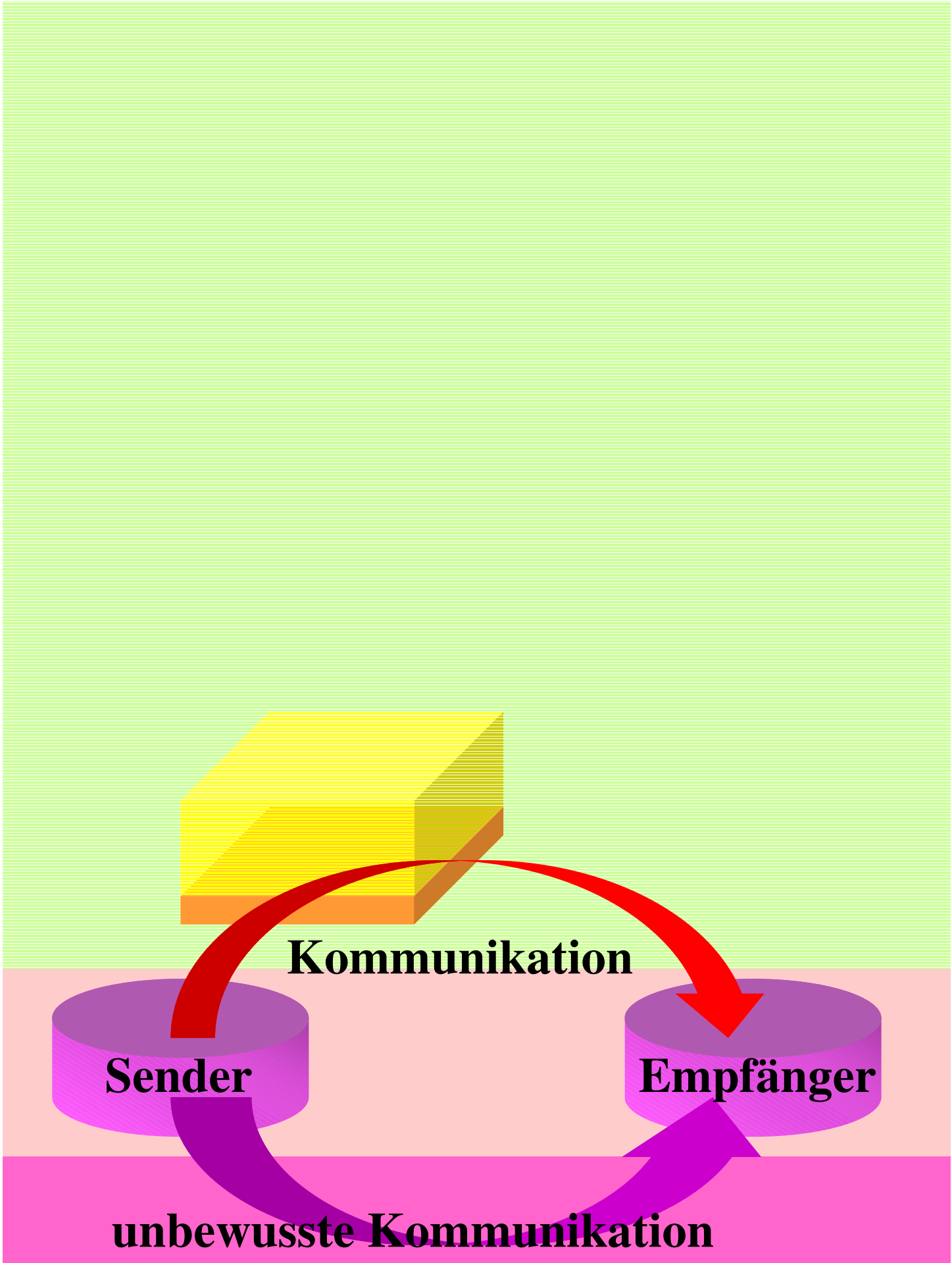


**Kommunikation**

**Sender**

**Empfänger**

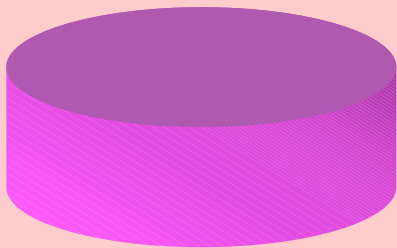
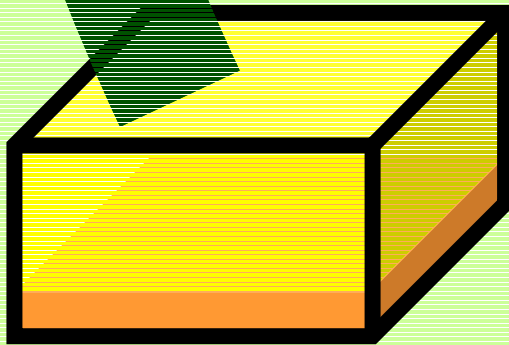
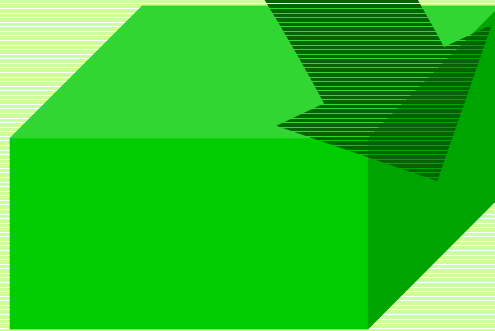
**unbewusste Kommunikation**





**Metaebenen**

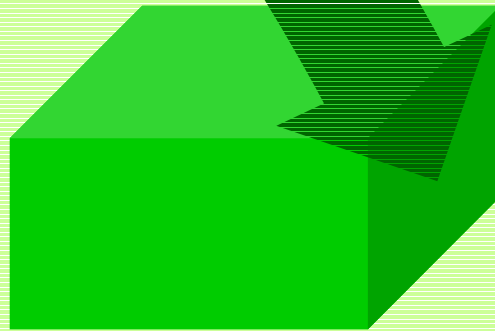
**Magie**



**Unbewusstes**

**Metaebenen**

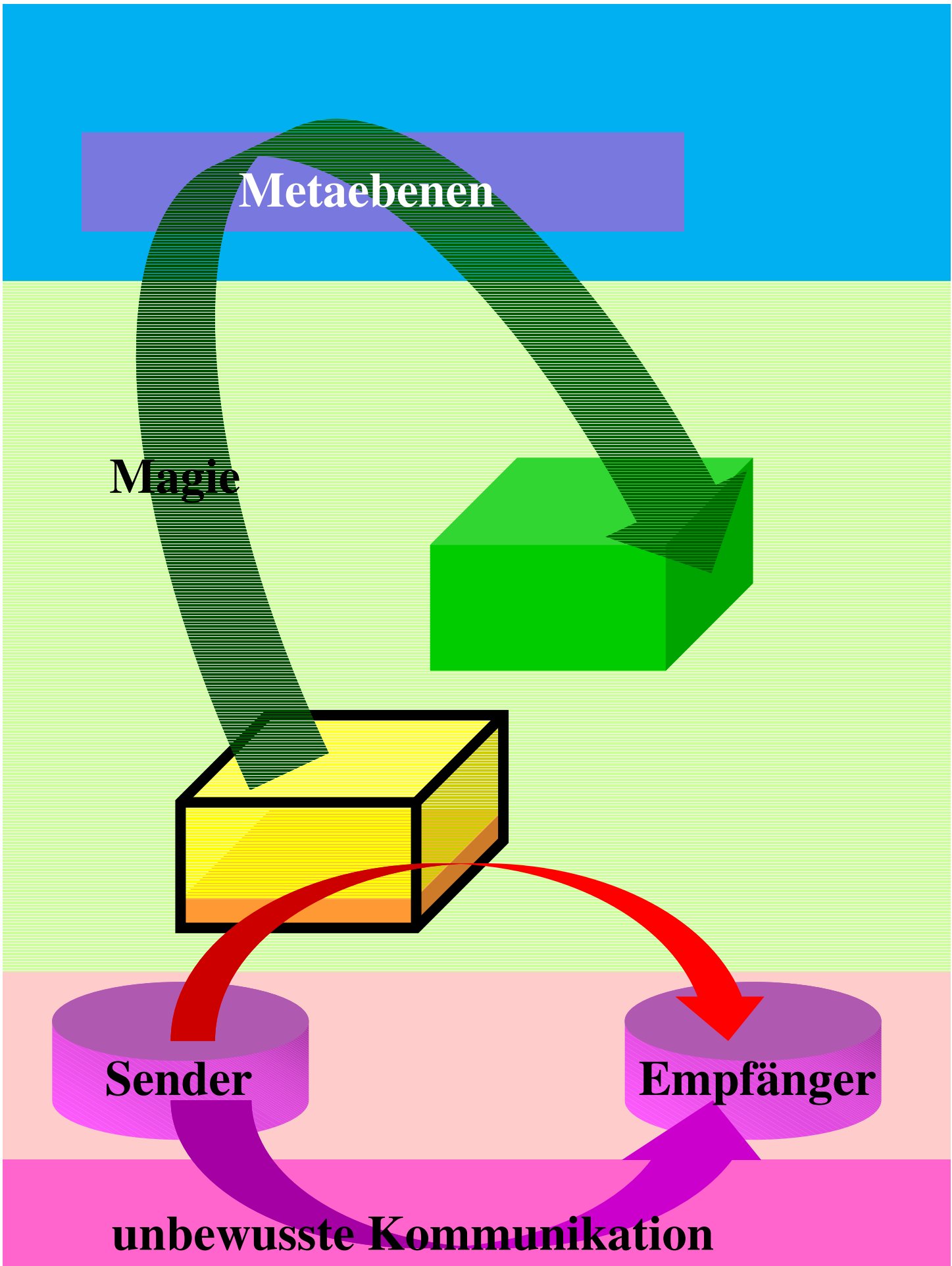
**Magie**



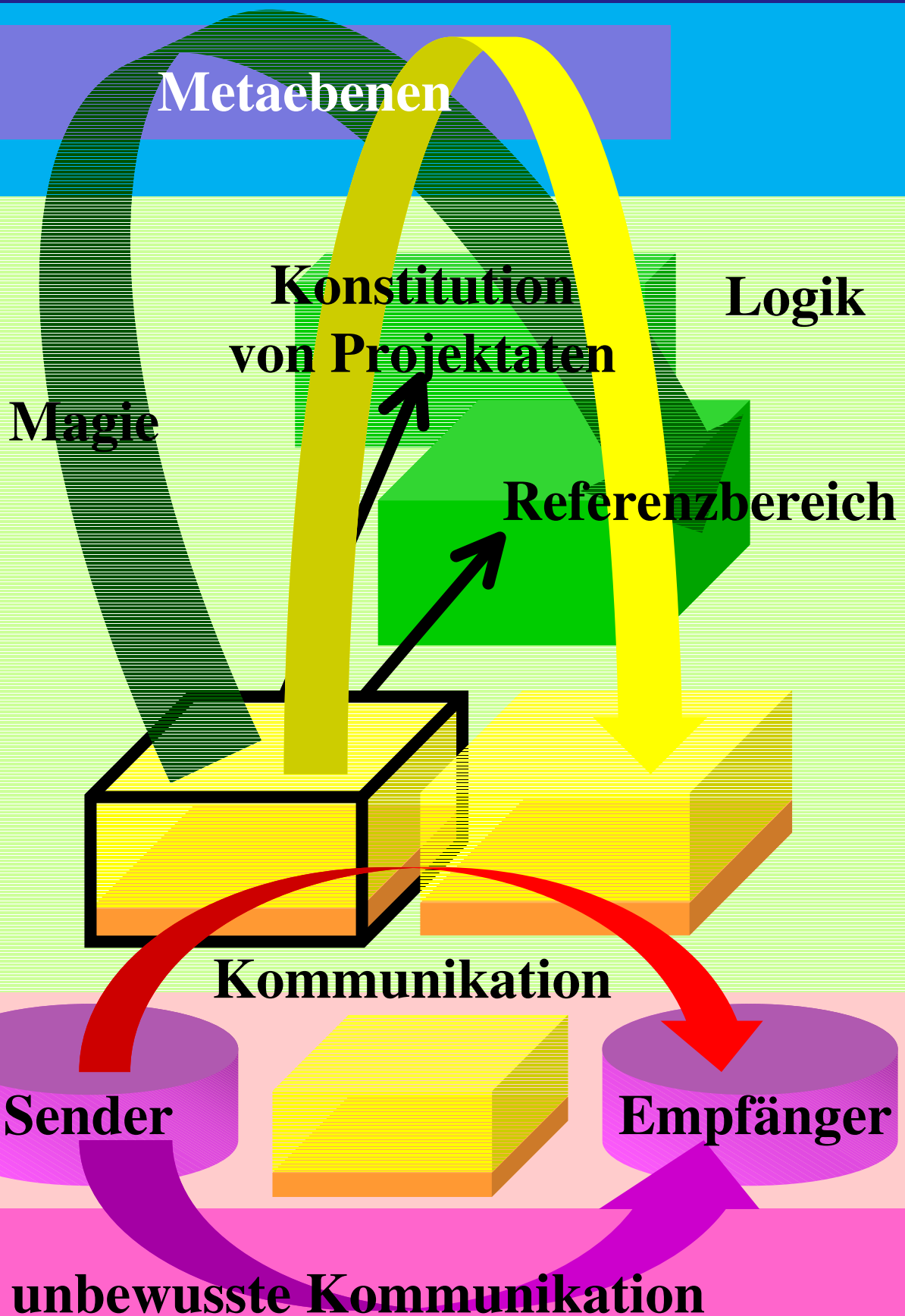
**Sender**

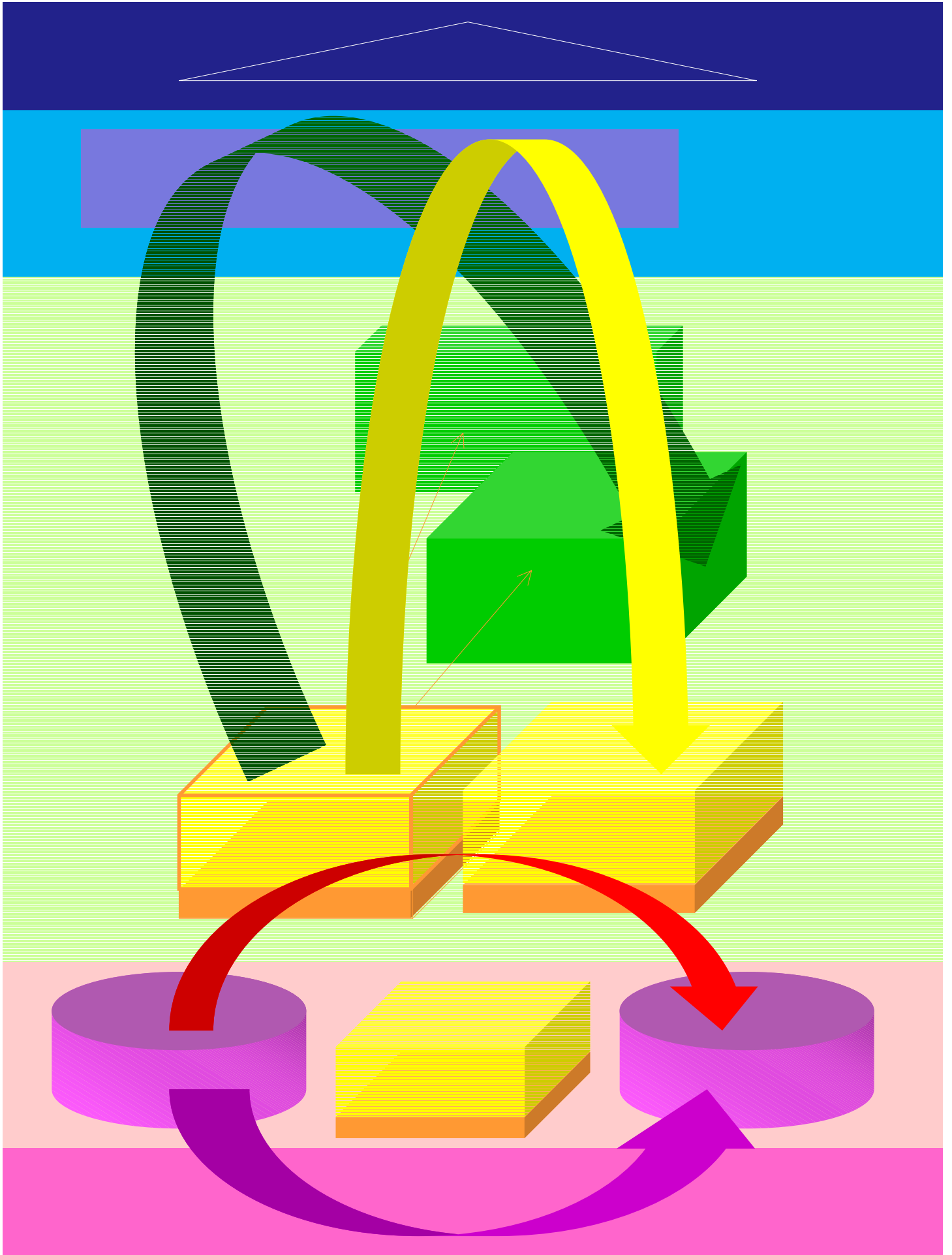
**Empfänger**

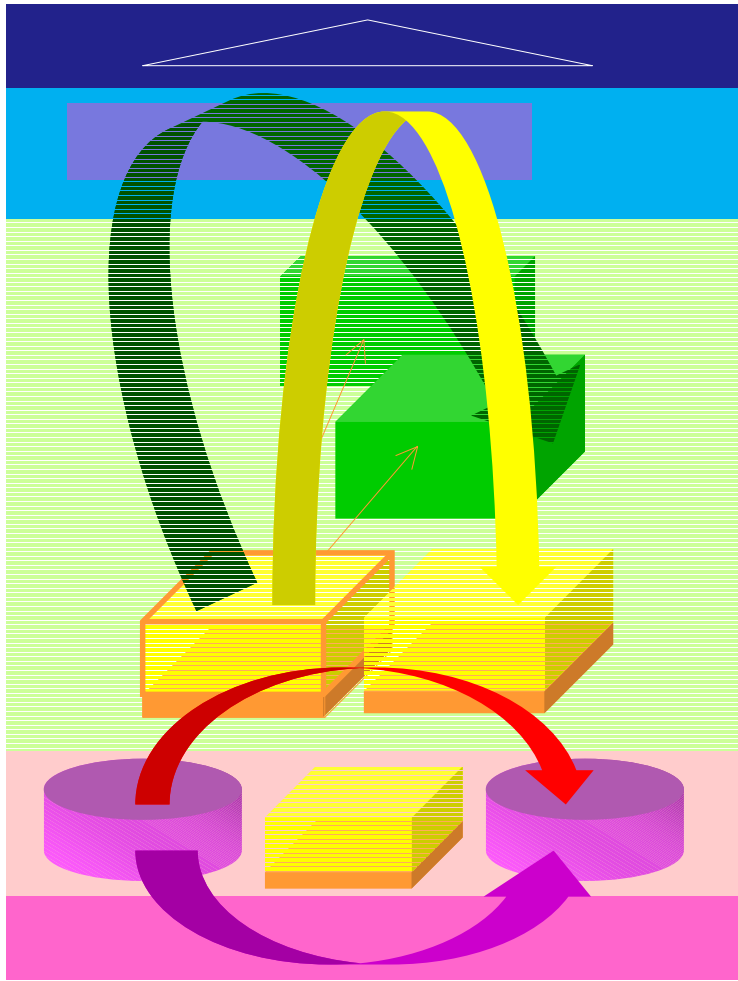
**unbewusste Kommunikation**

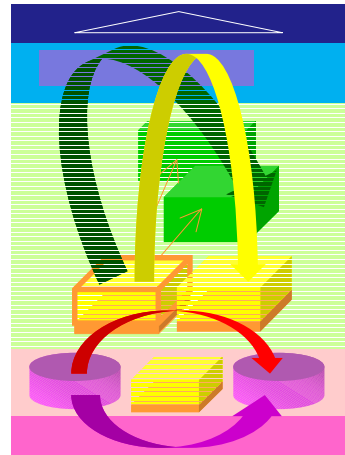


# Ideen, Begriffe, Ontologien











**Danke  
für Ihre  
Aufmerksamkeit!**

**Danke  
für Ihre  
Aufmerksamkeit!**



# 2. Münchner Rechtsvisualisierungs-Tagung

26. und 27.  
November 2009

*colette.brunschwig@rwi.uzh.ch*  
*friedrich.lachmayer@uibk.ac.at*