

a Decade for eHealth



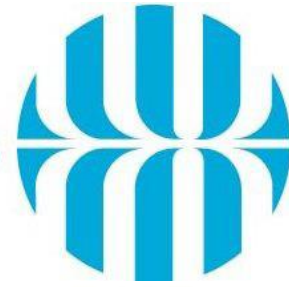
2009

1999

EHTEL

EUROPEAN HEALTH TELEMATICS ASSOCIATION

MÜNCHNER KREIS



**Telemonitoring in
Gesundheits- und
Sozialsystemen
6. Juli 2009
München**

eHealth in Mitteleuropa: der Weg vom Wunsch zur Wirklichkeit

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TM **SGTMeH**
SSTMeH
SATMeH

- 1. Um was geht es?***
- 2. Europäische Ebene***
- 3. Massnahmenpakete***
- 4. Nationale Ebenen***
- 5. Was bleibt zu tun?***

eHealth als Vision vom Hausbau



eHealth Action Plan 2004

- Bringing the benefits of eHealth to EU citizens faster (Quality of care, patient safety)
- Borderless European Health Information Space for individual care, public health and research
- Increasing mobility of patients and professionals; cross-boarder co-operations
- To facilitate growth and transparency of eHealth Market; to decrease Market Fragmentation

Source: ICT for Health Unit, DG INFSO

Massgebliche Hindernisse

Vier massgebliche Hindernisse behindern die gesamteuropäischen eHealth-Entwicklungen:

1. Markt-Fragmentierung und fehlende Interoperabilität
2. Fehlende nationale und europaweite Rechtssicherheit
3. Vorhandensein ausreichender Investitionsmittel
4. Praktische Verfügbarkeit innovativer Lösungen

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Lead Market Initiative

- Initiative von DG ENTR & DG INFSO
- Förderung volkswirtschaftlicher Potentiale und Schaffung von Arbeitsplätzen
- Identifikation der sechs führenden Innovations- und Wachstumsmärkte
- KMUs als Treiber für Innovationsprozesse und dominierende Marktkraft der Zukunft
- Nicht nur hohen wirtschaftlichen sondern auch gesellschaftlichen Nutzen schaffen

Communication COM (2008) 689 for Telemedicine and CDM

1. Schaffung von Vertrauen in die Dienste der Telemedizin und Aufbau von Akzeptanz
2. Schaffung von Rechtsklarheit, Harmonisierung nationaler Hindernisse
3. Klärung technischer Fragen und Erleichterung der Marktentwicklung

...und last but not least:

Abschaffung der "Pilotitis" – **JUST DO IT !**

Recommendation on cross-border interoperability of EHR systems

- **Aim:** guidelines for national and cross-border interoperability of EHR systems
 - **Scope:** incl. also patient summaries, emergency data sets, medication records / ePrescription, standardisation
 - **Actions** at four levels:
 - (1) political
 - (2) organisational
 - (3) technical
 - (4) semantic
 - Monitoring, evaluation & awareness rising
 - Compliance with national & EU laws
- Goal: Interoperability by 2015 (US 2014)

Source: ICT for Health Unit, DG INFSO

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Zielsetzung der Massnahmenpakete

1. Gesamteuropäische Förderinitiativen
2. Länderübergreifende Arbeitsgruppen
3. Förderung der Interoperabilität und von Standardisierungsaktivitäten
4. Förderung grenzüberschreitender elektronischer Gesundheitsdienste

Cooperation in eHealth deployment

Goal for the epSOS eHealth Project:

“to develop a practical eHealth framework and ICT infrastructure that will enable secure access to patient health information, particularly with respect to a basic patient summary and ePrescription, between European healthcare systems”

Large Scale Pilot on cross border interoperability (epSOS = Smart Open Services for European patients)

- 12 EU member states, € 22m, 2008-2011
- Cross-border services – safe treatment for citizens when in another MS
 - **European Patient Summary** (emergency treatment, unplanned care)
 - **ePrescription** across the EU (continuity of care)



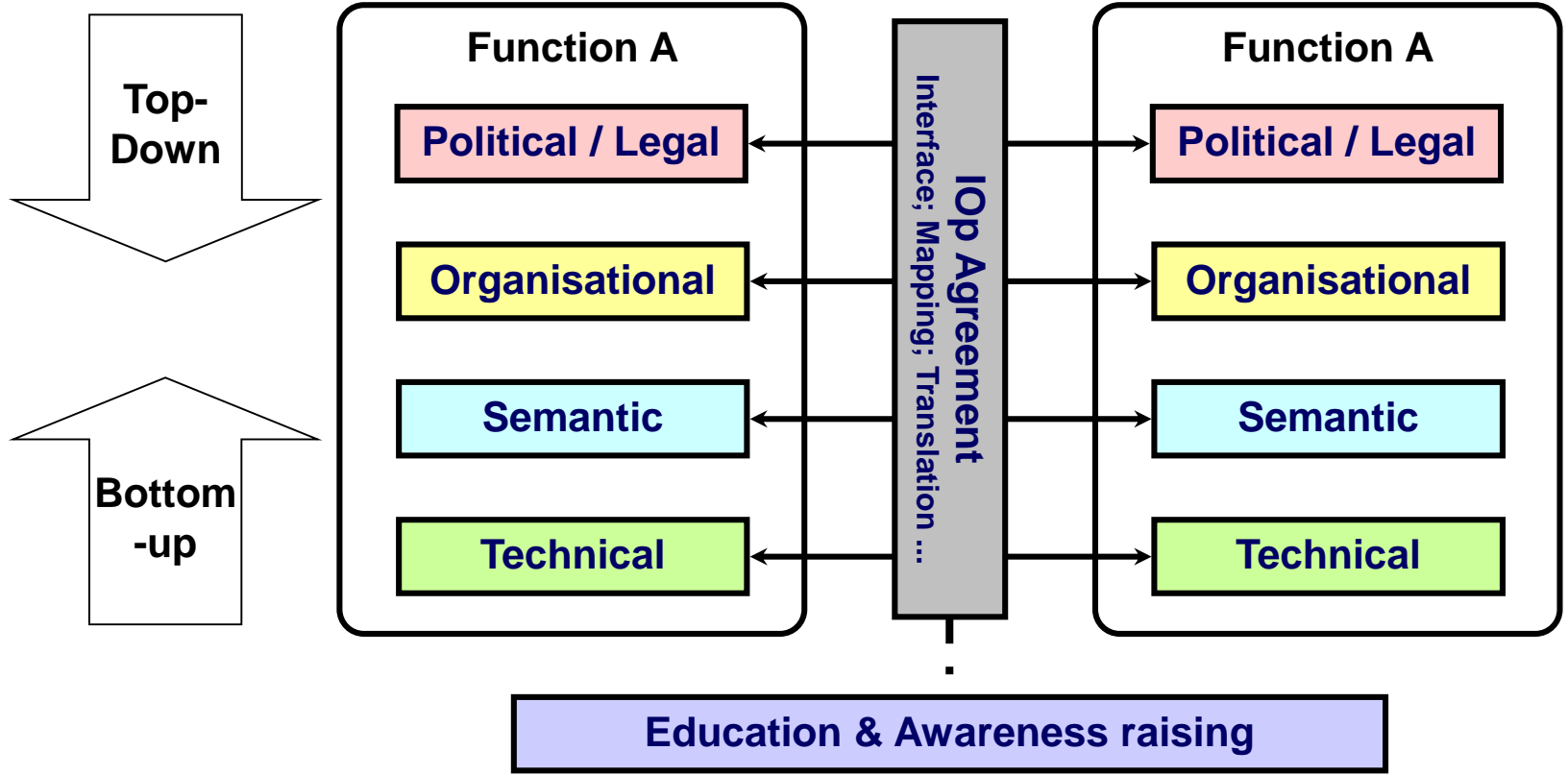
Source: ICT for Health Unit, DG INFSO



Network for interoperability

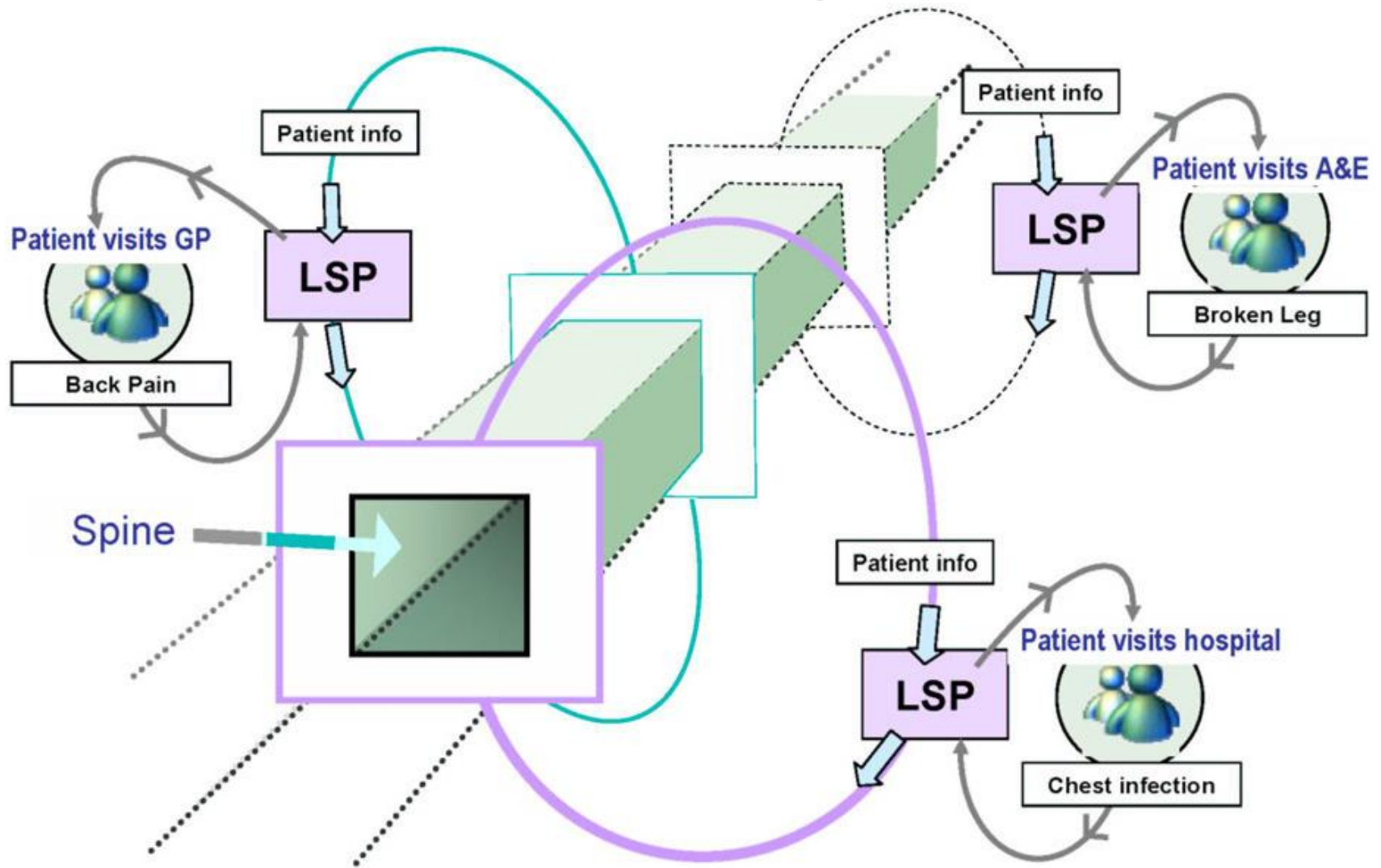
Jurisdiction # 1

Jurisdiction # 2



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GB – Connecting for Health



A – Definition of ELGA



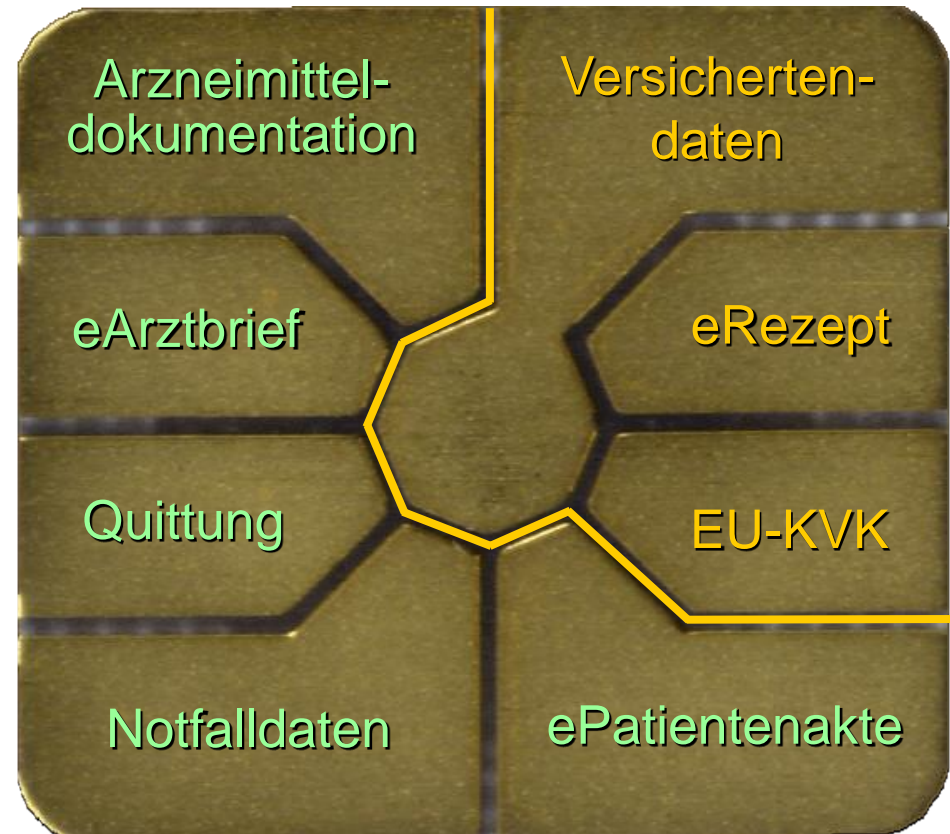
ELGA (Elektronische Gesundheitsakte) = Austrian EHR

- ELGA contains relevant multimedia-based and health related **data and information** referring to a **precisely identified person**.
- Data and information originate from
 - different health service providers (HSP) and
 - from the patient himself/herself
- and are **stored** in one or several different information systems (**virtual health record**).
- Data are available independently of place and time (cost-saving) at the place of treatment for all authorized persons according to the tasks and needs of these persons and in compliance with data protection rules.

D – Basisfunktionen der eGK

- Obligat**
 - Versichertendaten**
 - eRezept**
 - EU-KV-Karte**

- Fakultativ**
 - Arzneimittel-dokumentation**
 - elektron. Arztbrief
 - Kostenquittung
 - Notfallinformation**
 - el. Patientenakte
 - allg. Patientendaten



D – Funktionen (Heil)Berufsausweise



SLO – New Slovenian HIC

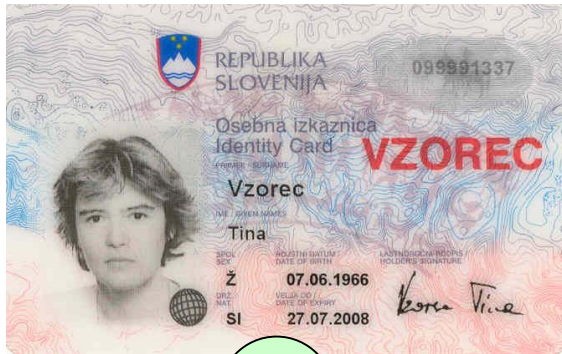
- New HIC will function equal to the current HIC and will at the same time allow the storage of digital certificates.
- Card replacement will take place naturally (new insurance, card replacement).
- No changes for insured persons upon introduction, with only minor changes for health care providers.



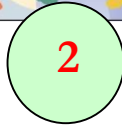
- The new HIC will be an access key and no longer a data carrier
- Access to data in the network will only be possible with an HIC → consent of the patient

Slovenian ID card - tomorrow

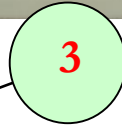
Identity Card



Health Insurance Card



Statutory Dig Cert

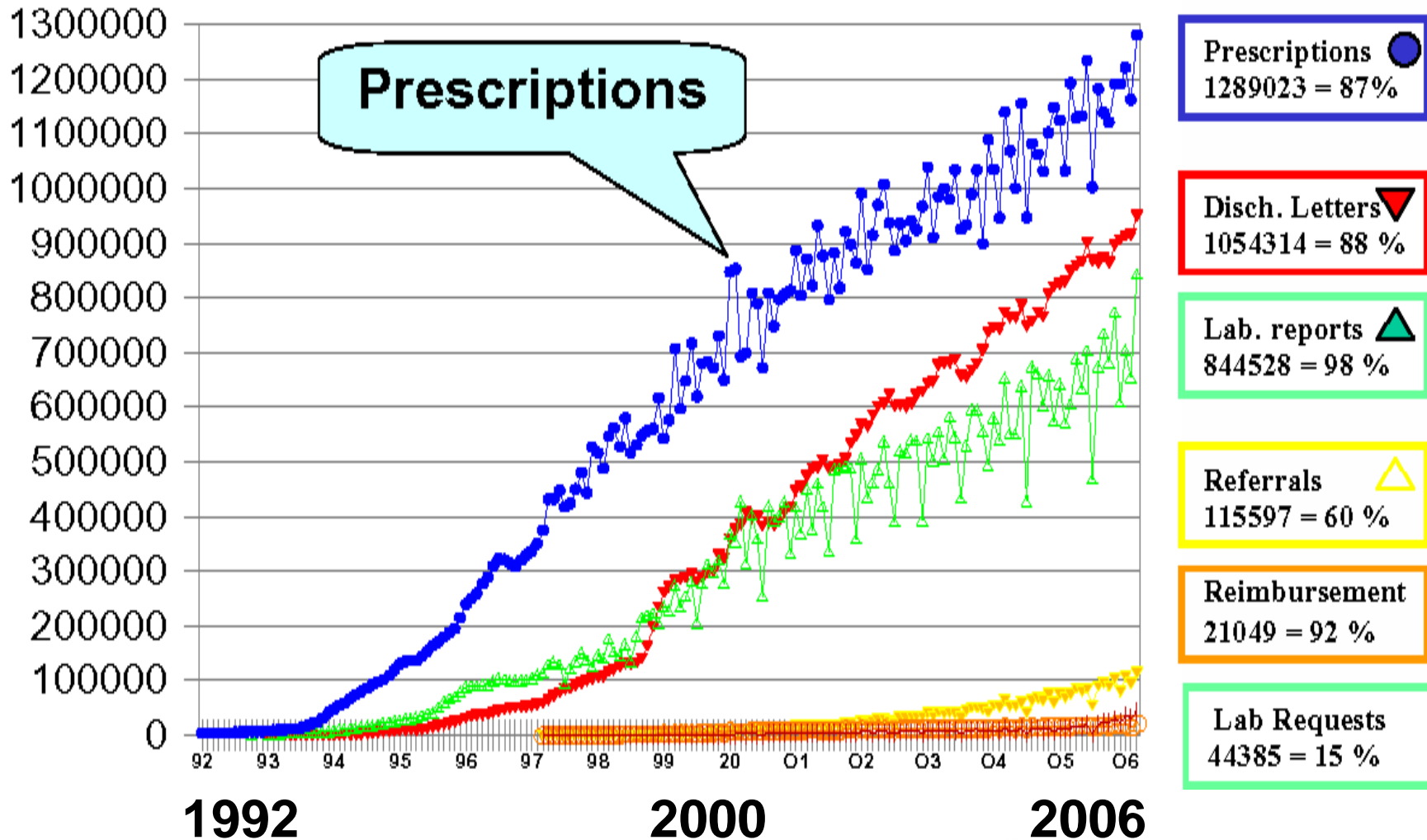


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NEW e-ID CARD FUNCTIONS

DK – eRezept-Pionier Dänemark



1992

2000

2006

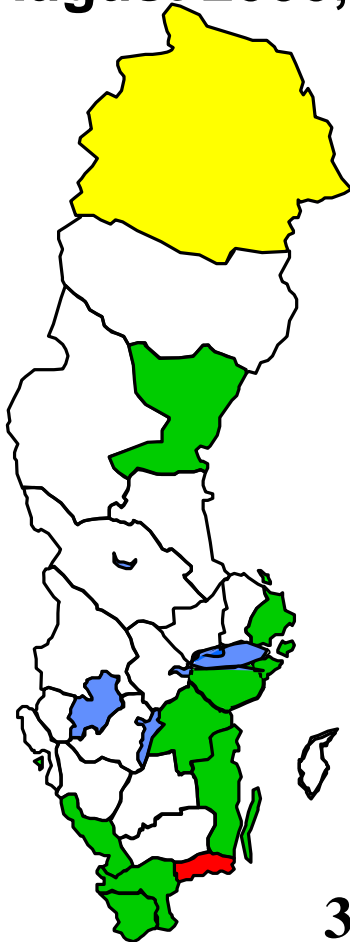
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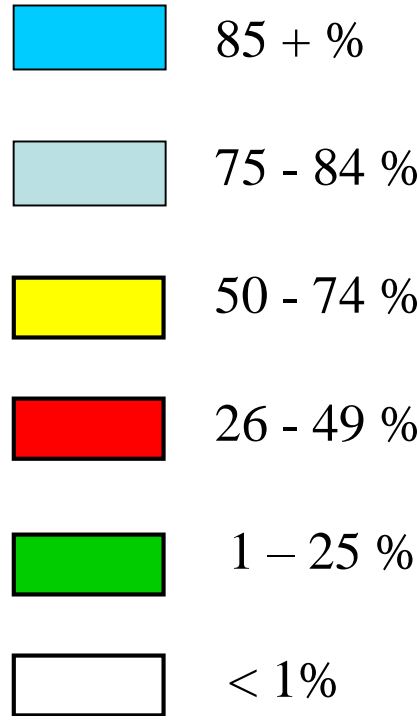
S – Availability of ePrescription

August 2000, 100 000

December 2008, 2.535.000

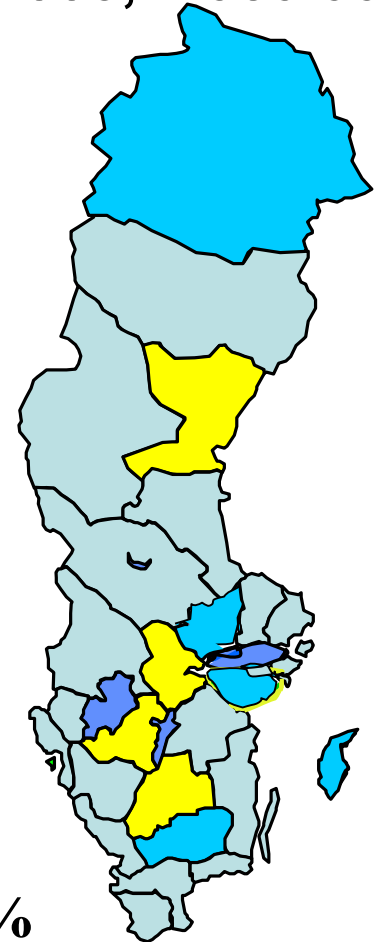


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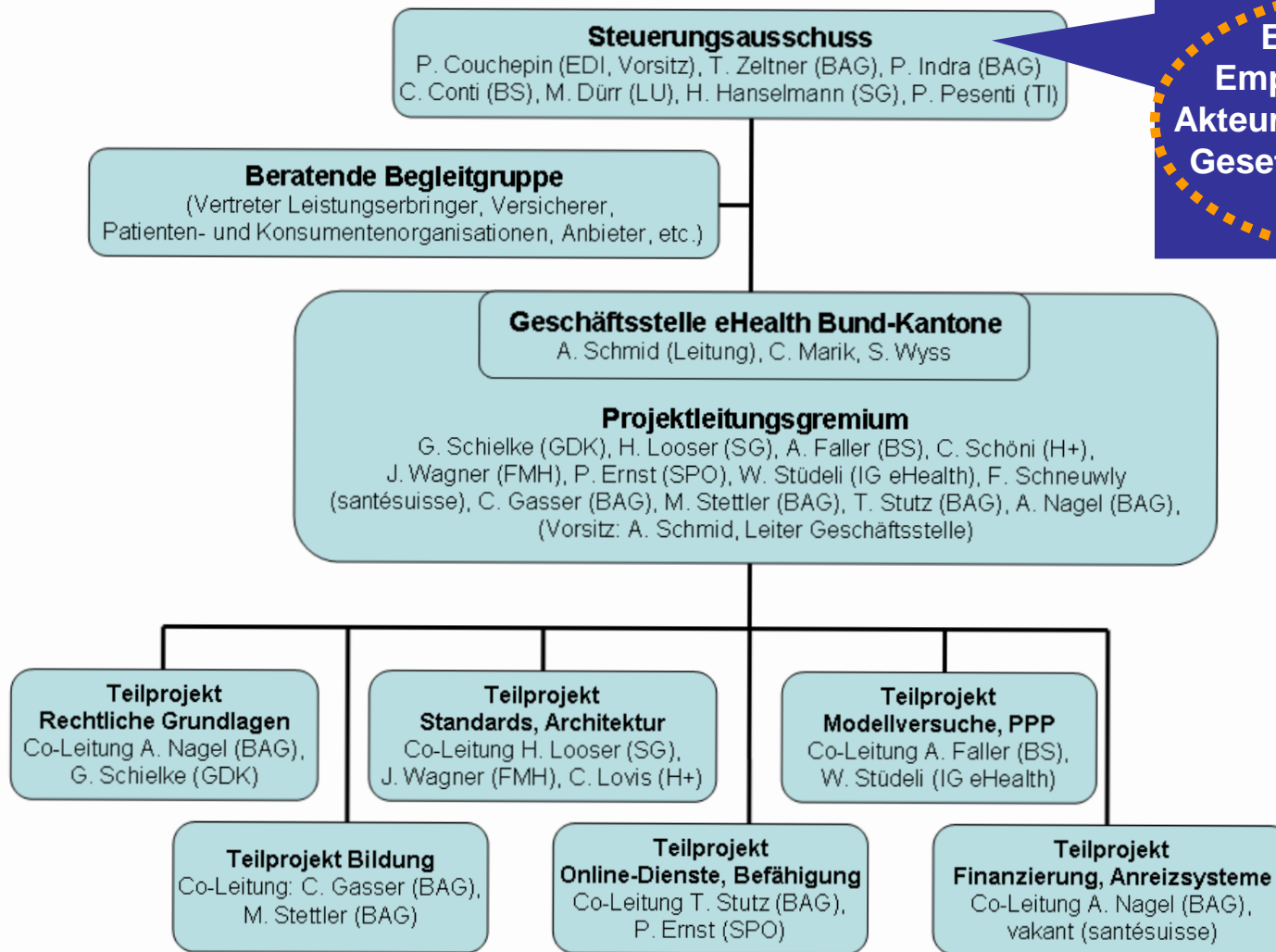
Of total amount
prescriptions

80 %



Källa: Apoteket AB

CH – Koordinationsorgan & Teilprojekte



Entscheide sind Empfehlungen an alle Akteure und Grundlage für Gesetzgebung Bund und Kantone

Sda / 16.9.08

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eHealth = infrastrukturelles Konzept

Output = Products and Results

SERVICES

Technical = Broadband, EHR, ID-Management, ePrescription, etc.

Normative = Policies, Regulation, Standards, Nomenclatures, etc.

Organisational = Change Mgmnt, HCsystems reorganisation, etc.

INFRASTRUCTURE

Pragmatische Ziele anstreben

Connecting people in health and social care will benefit from the application of ICT in support of

Continuity of care

Collaboration between stakeholders,
better **C**ommunication

safeguarded **C**onfidentiality.

Thank you for you attention!

- ▶ EHTEL is here as a forum for All Stakeholders
- ▶ Several publications of EHTEL are available at www.ehtel.org
- ▶ You can contact us at info@ehtel.org

