

sphin-X

One Data Space for Health

Maro Bader
Roche Pharma AG
Excellence Lead Digital Transformation



sphinX
One Data Space for Health

What if?

... healthcare sector was as well organized as the air travel industry?

... what is preventing us from this vision?

Boarding pass FairPlane **1** API COMPLETE
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MUC → FCO Bitte auf kurzfristigen Wechsel des Ausgangs achten.

Name of passenger: **MARKUS MUSTERMANN / MR.**

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Carrier/Flight No.	From	To	Date	Boardingtime	Class
LH 1845	MUC	FCO	05 MAY	09:00	C

Seat: **19A**

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BUSINESS FairPlane
www.FairPlane.de

Boarding pass / Bordkarte

Name of passenger: **MARKUS MUSTERMANN / MR.**

ETKT 23659275215-5
MUC
FCO
Lufthansa

Carrier	Flight No./Class	Date
LH	1845 C	05 MAY

Gate	Boardingtime	Seat
G31	09:00	19A NONSMOKER



why is it not?

Pain points in healthcare sector

We all suffer the same pain

...but no one will be able solve them on their own

Pain Points			
Fragmented, individual, local solutions	(lighthouses syndrome)	☐	Data Restrictions
No standard data standards / missing national agenda	(flipped pyramid)	☐	Data Consistency
Data silos, monoliths and eminences	(lack of interoperability)	☐	Data Access
Complex data flows with multiple breaks and barriers	(no end2end processes)	☐	Data Sharing
Heterogeneous regulations / approaches for data privacy	(uncertain investments)	☐	Data Security

What is needed?

Interoperability on all levels

How can data spaces help?

VISION

Principles

Governance

Use Cases

Semantics

Syntax

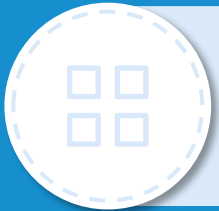
Technical

Successful dataspace drive the collaboration in upper layers

How much can be achieved bottom-up?

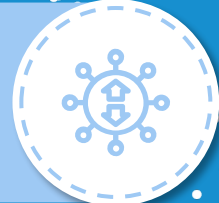
Why data spaces? why sphin-X?

Solving common pain points together!



Individual efforts by individual healthcare companies to make technological advances are hampered by low trust and data access restrictions
→ **Ability to scale**

Absence of clear data sovereignty rules hinders more efficient data exchange between those involved in the industrial healthcare industry and thus slows down innovation
→ **Enabling data sharing**



Building trust through **collaborative development** and the simultaneous participation of all healthcare stakeholders is crucial for this
→ **Fosters trust & collaboration**

It is therefore essential to take advantage of the current economic and political interest in comprehensive implementation of digitalization, especially in the healthcare sector
→ **Unify public and private sector**



Trust is key to collaboration!

Basis for open communication, mutual respect and joint & aligned implementation

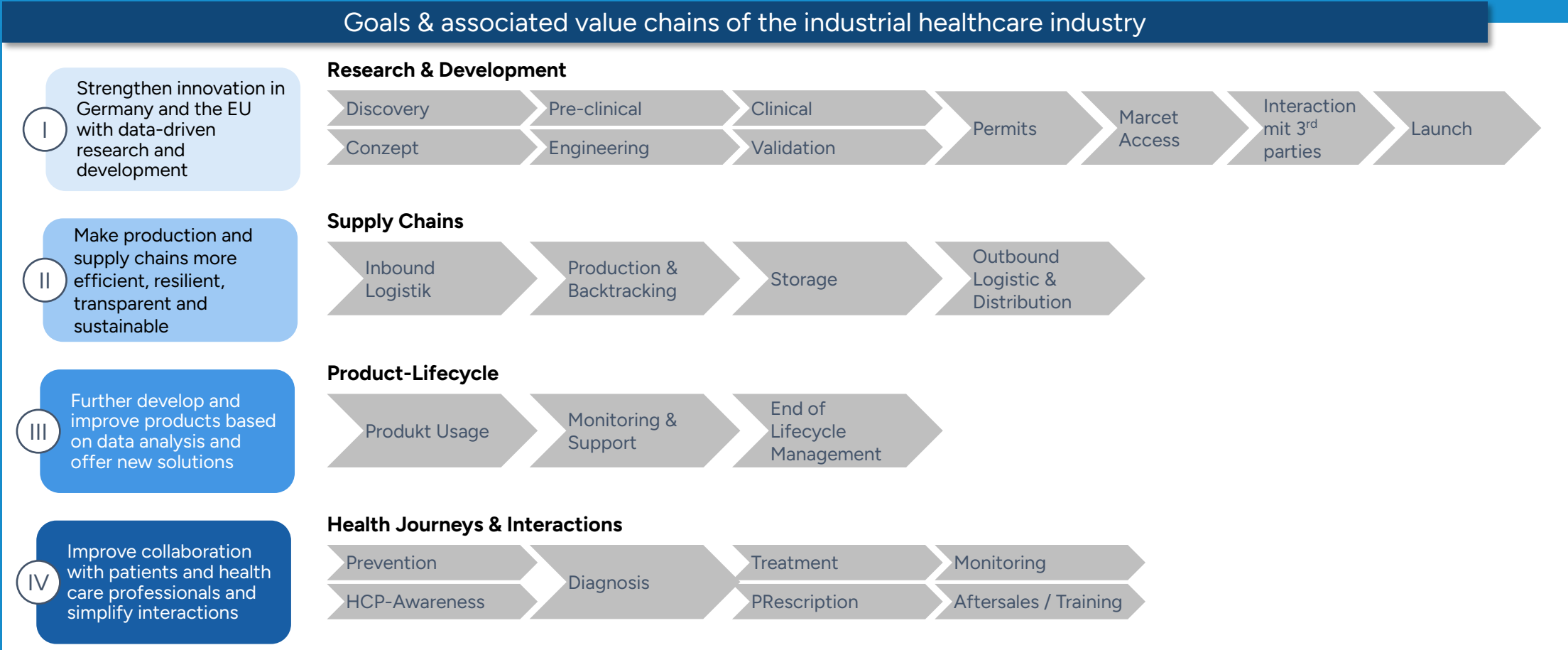


Multiple Dimensions

- ...in **collaboration** between public and private participants
- ... in a **competition law compliant** collaboration between industrial companies
- ... the **political framework** to give the project the necessary support
- ... from all **data providers and owners** to use the shared infrastructure
- ... **of all actors** in a common vision, despite sometimes conflicting particular interests
- ... by the **citizens and the partners** involved in the project in the respective **solutions, applications and infrastructure**
- ... the **financing actors** (private companies, sponsors, public participation...) in investment security

Opportunities for sphin-x

Searching for use cases without differentiating potential for individual approaches



Starter Use Cases

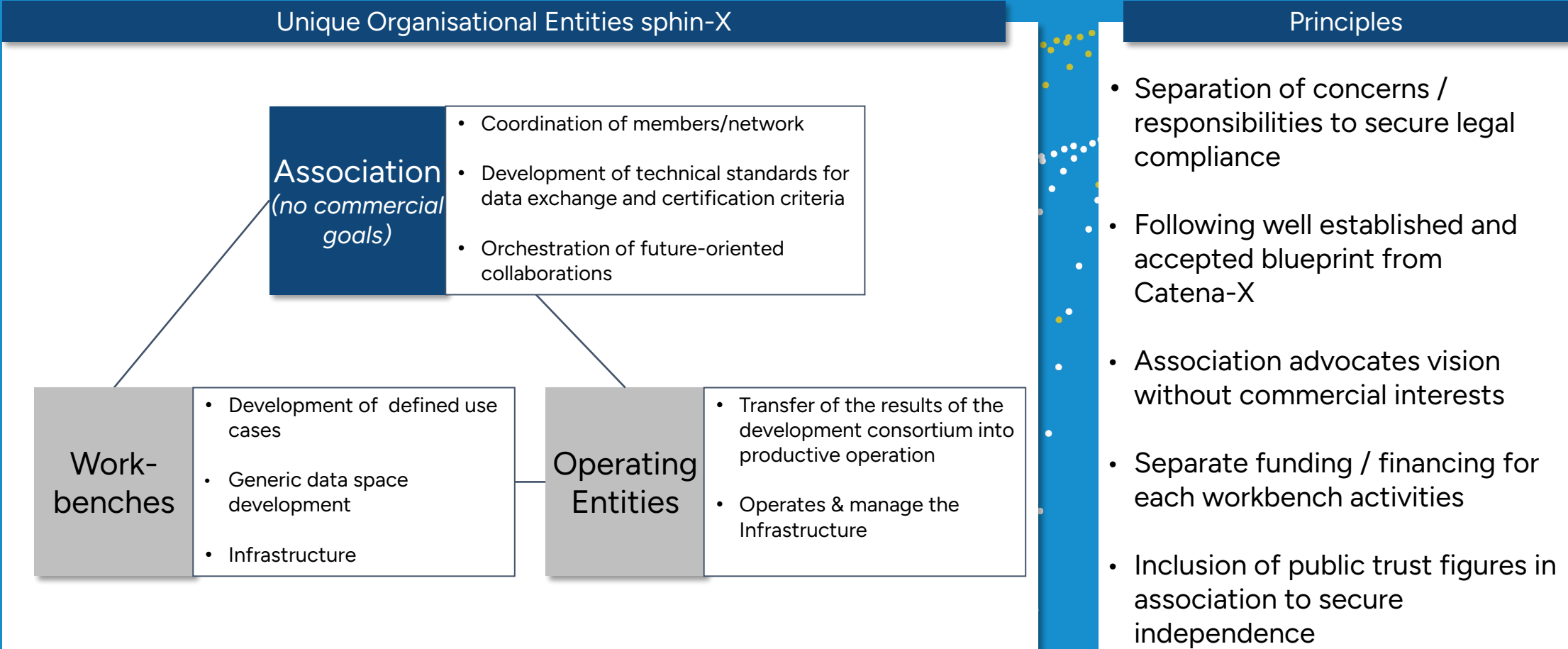
Initial use cases must be driven by strongest business case / ROI



Additional Use Cases to be added depending on new members, needs and regulatory requirements

So how?

Solutions must provide compliant collaboration framework for public and private figures



Next steps

Walk the talk

Organisational Setup

Foundation of the **association** with representation from **all public and private** healthcare actors

Legal review of concept and framework to adhere to **competition law and health sector specific regulations**

Foundation of **project work benches** and infrastructure legal entity and driving

Community Building

Alignment with gaia-x, similar projects and initiatives and joint definition of larger **digital health ecosystem vision**

Continous growth of members to reflect all segments of healthcare and **develop asset of collaboration** and joint approaches

Establishment of open source community, dialogue forums, innovation hackathons, think tanks

Endorsement

Alignment with national and european **digitalization strategies** and health care **specific regulations** (e.g. EHDS)

Politically supported round tables for open dialogue with all health care associations and representatives

Gain endorsement and benefit from IDSA, gaia-X, DSCC, SIMPL... to kick start **development of sphin-x**

www.sphin-x.de

Join the cause!

Revolutionärer Datenraum – Lösung für das Gesundheitswesen

Unsere Vision

One data space for health

Unsere Vision ist es, einen innovativen, kollaborativen Datenraum für das Gesundheitswesen zu schaffen, der die Datenhoheit aller Beteiligten wahrt und somit Vertrauen aufbaut, Effizienzen hebt und einen Mehrwert für alle Beteiligten erzeugt. Dieser Datenraum wird das Herzstück einer lebendigen Vernetzung und vertrauensvollen Zusammenarbeit zwischen allen Bereichen des Gesundheitswesens.

Unser übergeordnetes Ziel ist es, durch die Nutzung dieses Datenraums die Gesundheitsversorgung auf allen Ebenen zu verbessern. Durch gemeinsam entwickelte, übergreifende Anwendungsfälle wollen wir das Data Sharing unter einem Dach bündeln und den Austausch, die Analyse und Auswertung von Daten mit weiteren öffentlichen und wissenschaftlichen Datenquellen erleichtern und optimieren.

Mit unserem kollaborativen Datenraum schaffen wir einen akzeptierten Rahmen, in dem der Datenfluss zwischen Unternehmen und allen beteiligten Akteuren des Gesundheitswesens erhöht wird. Dieses innovative Umfeld wird es uns ermöglichen, die digitale Transformation für das Gesundheitswesen umzusetzen und dabei neue Geschäftsmodelle zu etablieren.

Menschen, Meinungen, Unterstützer: Unsere Community



One Data
Space for
Health

Thanks!

maro.bader@roche.com

www.sphin-x.de



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