



# **EDGY: A visual language for collaborative Enterprise Design**

Wolfgang Goebel  
Milan Guenther



# Enterprise Design

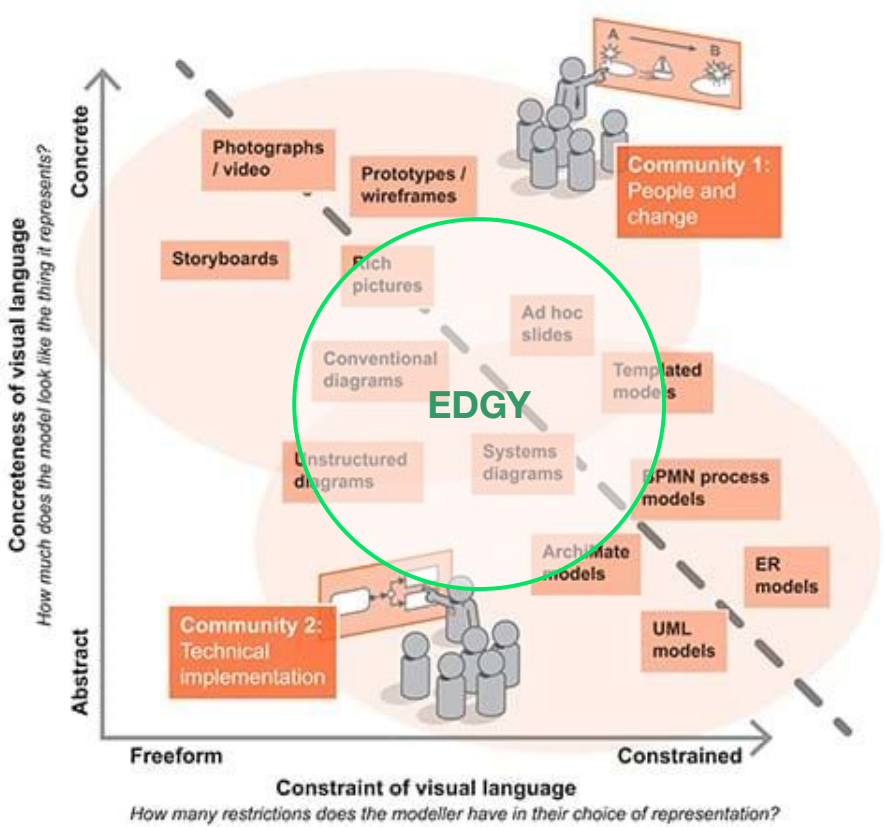
Enterprise Design is the **design of enterprises**.

EDGY is a **visual language** for **collaborative** Enterprise Design practice, connecting different Facets and Elements in a single model and visual representations.

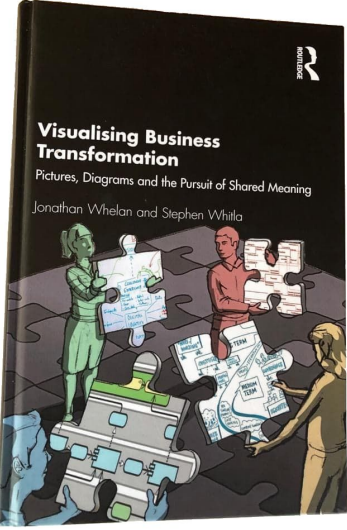
EDGY stands for **E**nterprise **D**esign **G**raphical morpholog**Y**.



# Visualisation in Enterprise Design



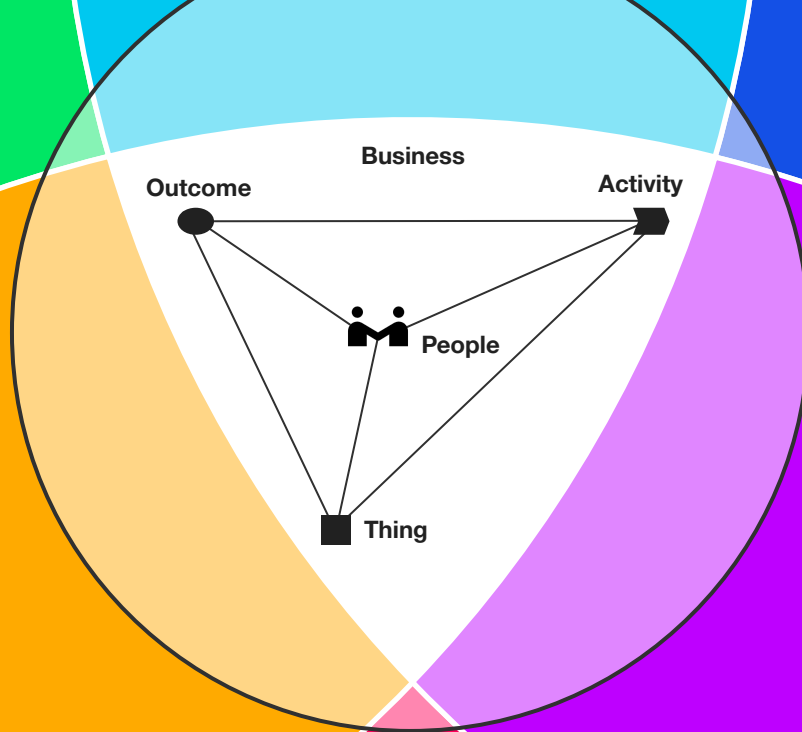
Steve Whitla  
Jonathan Whelan



**Businesses**  
**Outcomes**  
**Activities**  
**People**  
**Things**

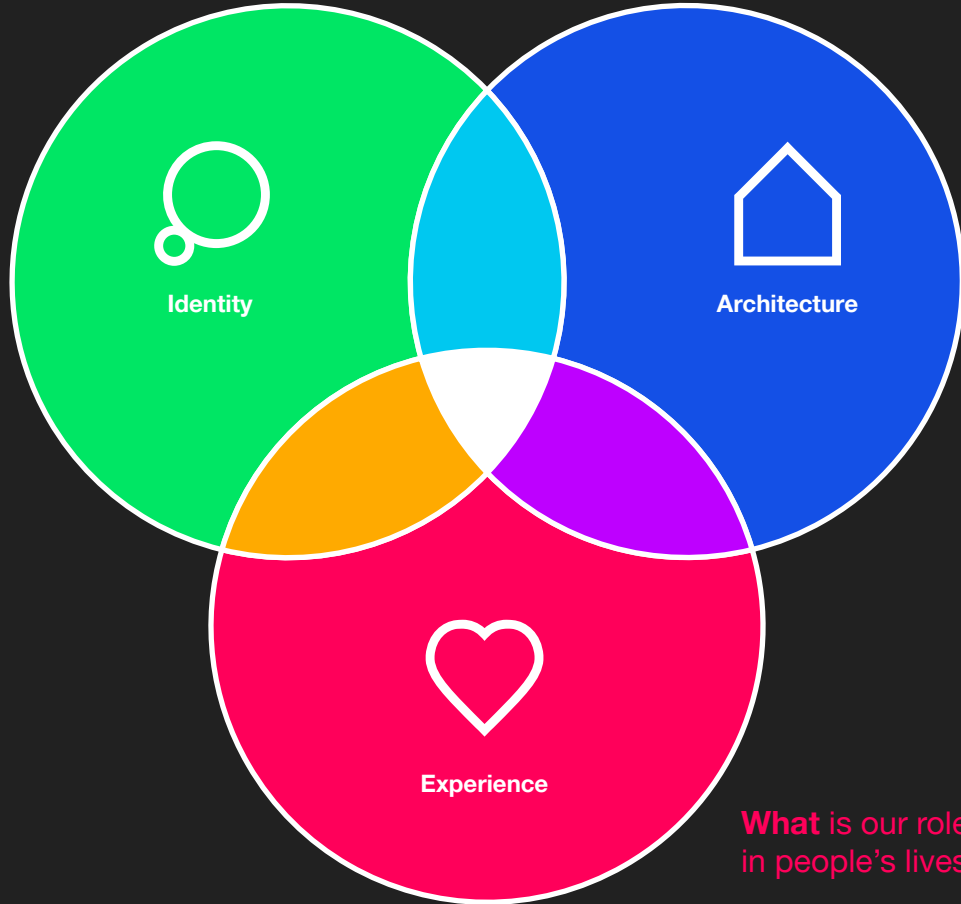


# Core Elements



# Enterprise Design Facets

**Why** do we exist, who are we, what matters to us?

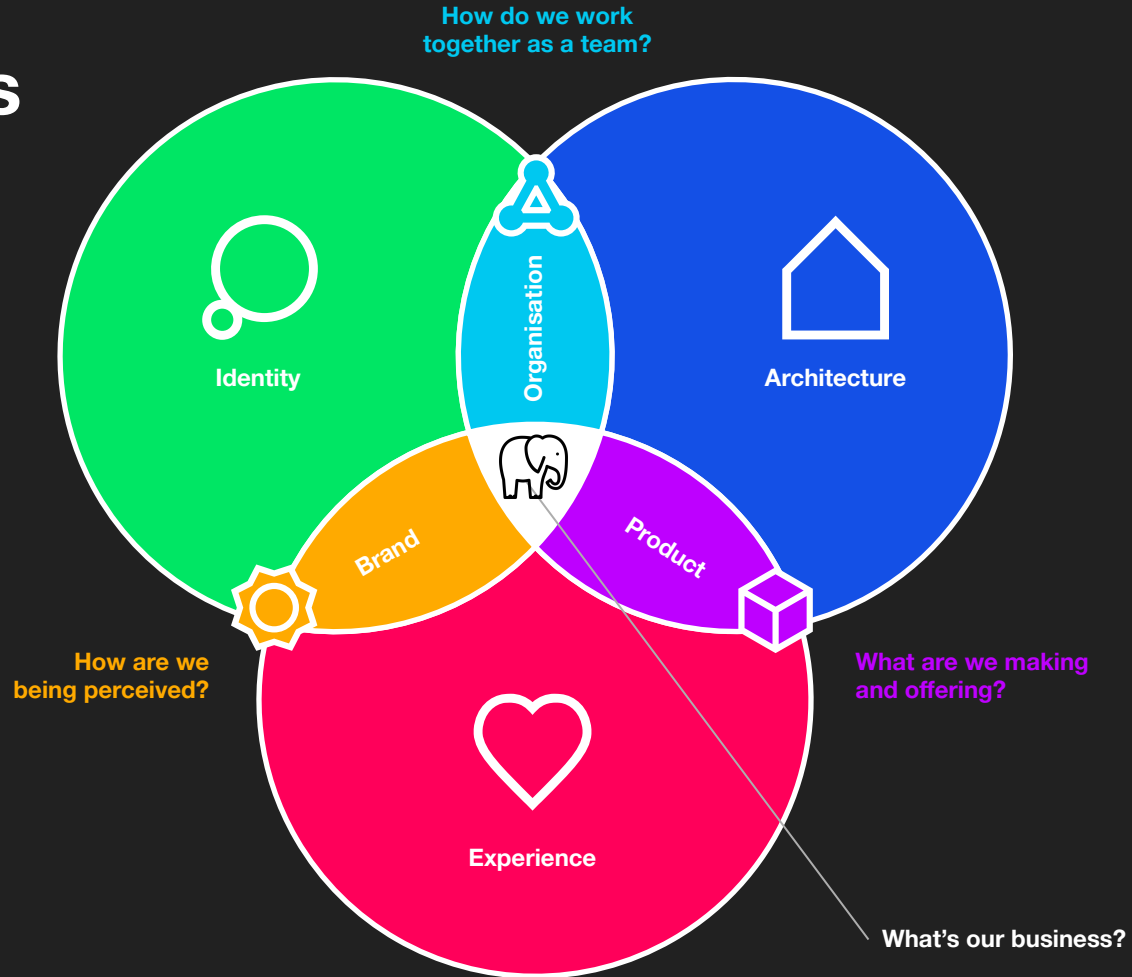


**How** are we operating and what are we capable of achieving?

**What** is our role in people's lives?



# Intersections



# Core Elements

At the intersection of all three Facets, the generic set of Core Elements represent an unfiltered view on the Enterprise itself and how it manifests as one or multiple *Businesses: People* working towards *Outcomes*, dealing with *Things* as part of their *Activity*.

This simplified and generic model allows us to capture what is happening in an enterprise and its ecosystem, without focusing on a particular Facet or Intersection perspective.



## **Thing**

Physical or intangible objects important for us (like machines, software or raw material)

## **Activity**

something happening in and around our enterprise

## **Outcome**

A result, goal or change we (want to) achieve

## **People**

A person or a group of people to be designed for and with

## **Business**

A self-contained area of our enterprise



# Enterprise Design Scope

**Why** do we exist, who are we, what matters to us?

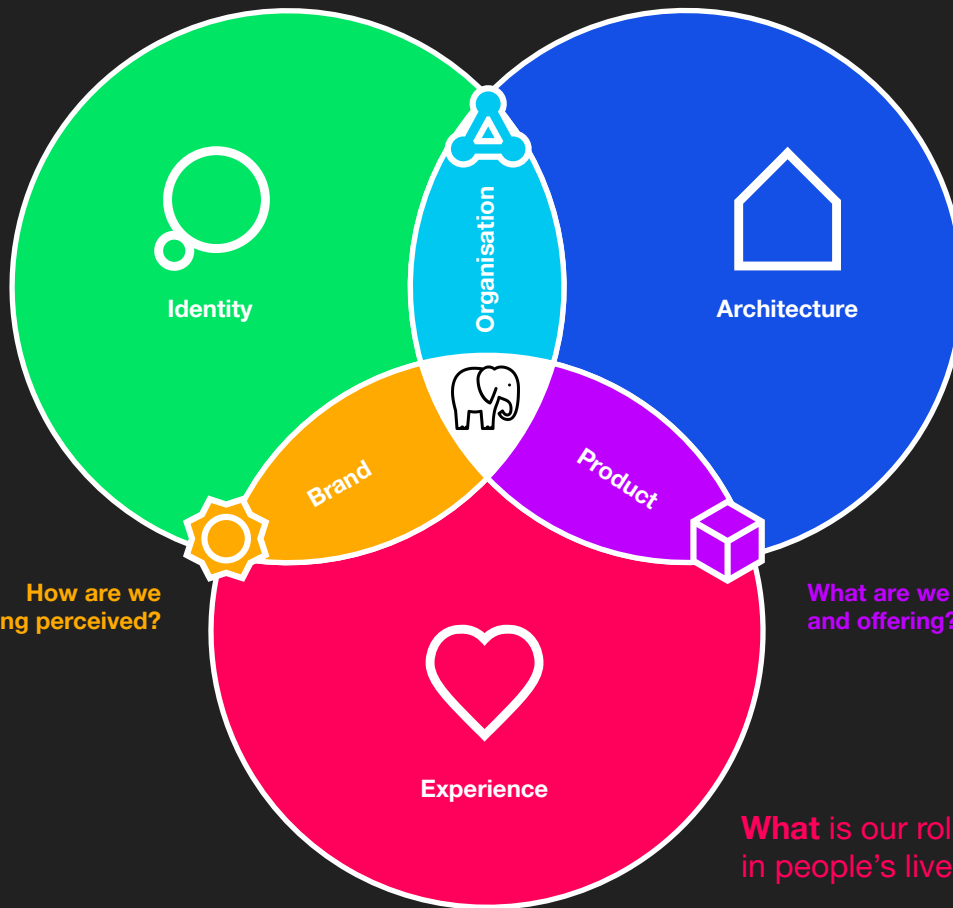
How are we being perceived?

How do we work together as a team?

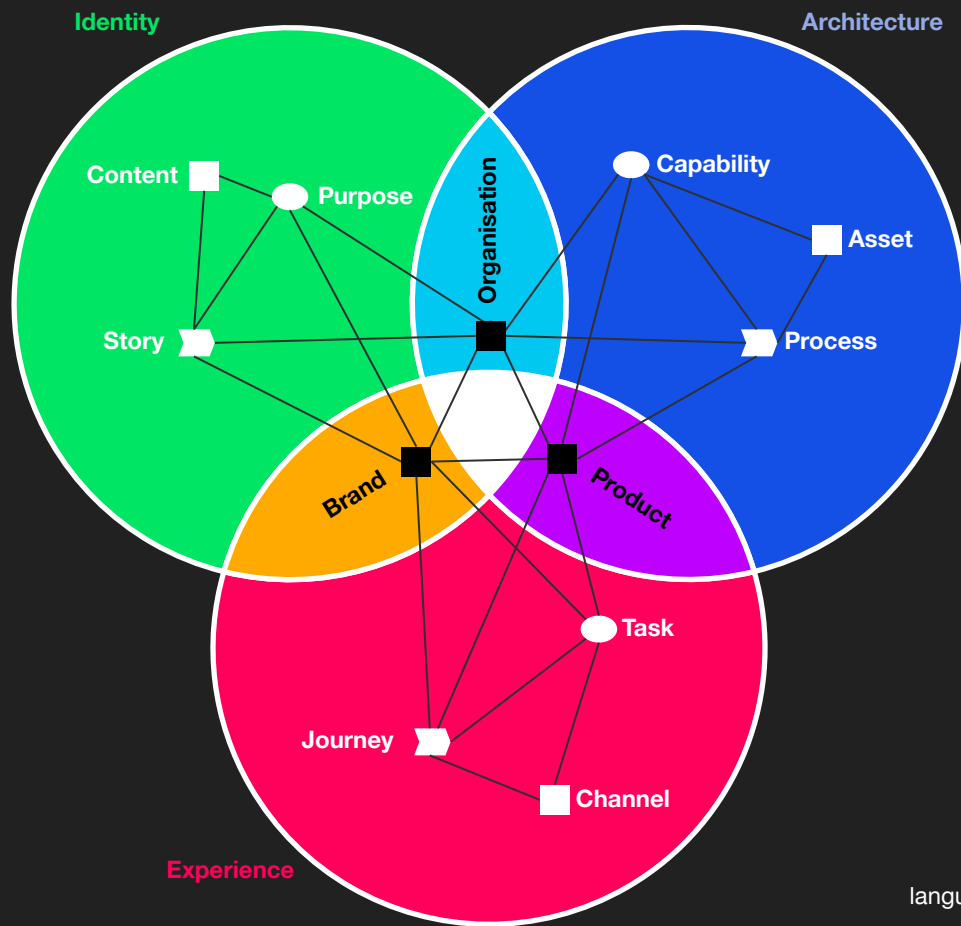
How are we operating and what are we capable of achieving?

What are we making and offering?

What is our role in people's lives?



# Focus Elements



● Outcome

▸ Activity

■ Thing



Elements of the **EDGY** modelling language based on the [FBS Ontology](#)

# Facet Focus

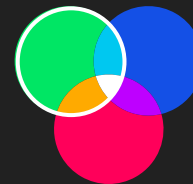
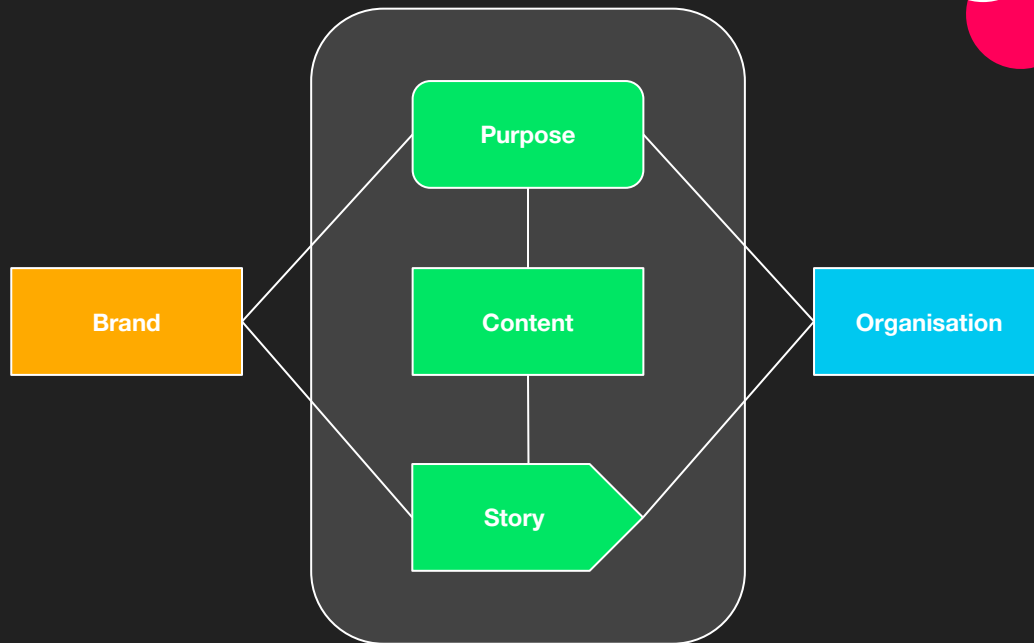
## Identity

Who are we?

Why do we exist?

What matters to us?

What makes us  
different and unique?





# Identity Example





# Identity Statement Example

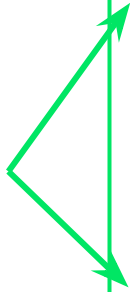
## **Welcome to ÖBB- Infrastruktur**

We are pioneers of modern and customer-oriented rail transport in Austria. We plan, develop, maintain and operate rail infrastructure and ensure punctuality, security, cleanliness and open access to the rail system. We thereby provide the right conditions for an efficient and reliable passenger and freight service by rail.

Content

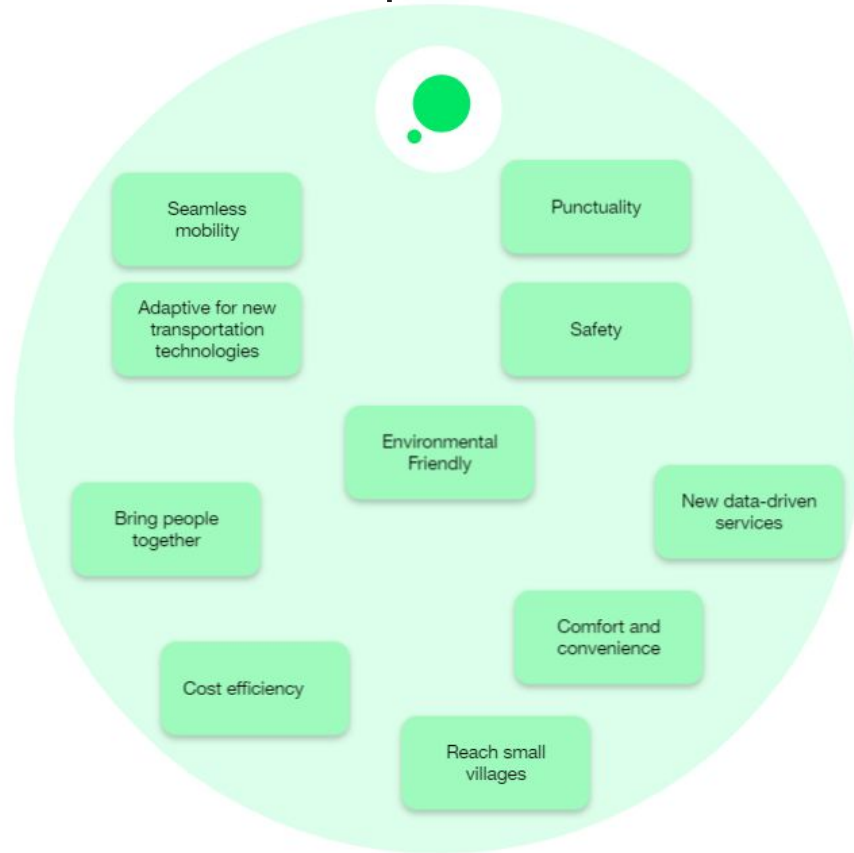
Story

Purpose





# Purpose/Goals Examples



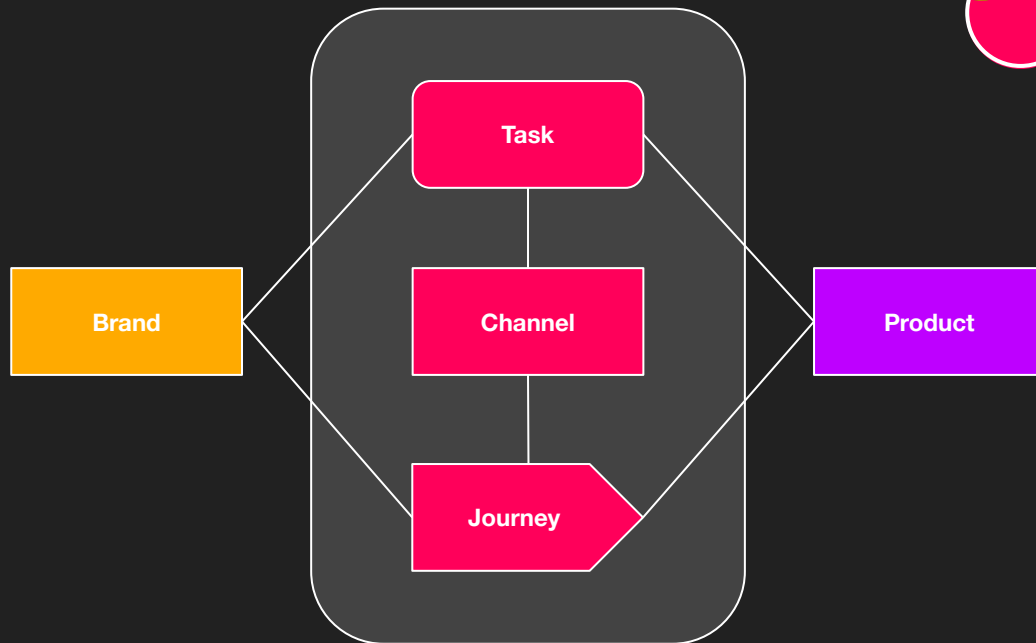
# Facet Focus

## Experience

What is our role in people's lives?

What value do we create for people?

Where and when do people interact with us?





# Experience Example







# What? Experience

## Rail Europe Experience Map

### Guiding Principles

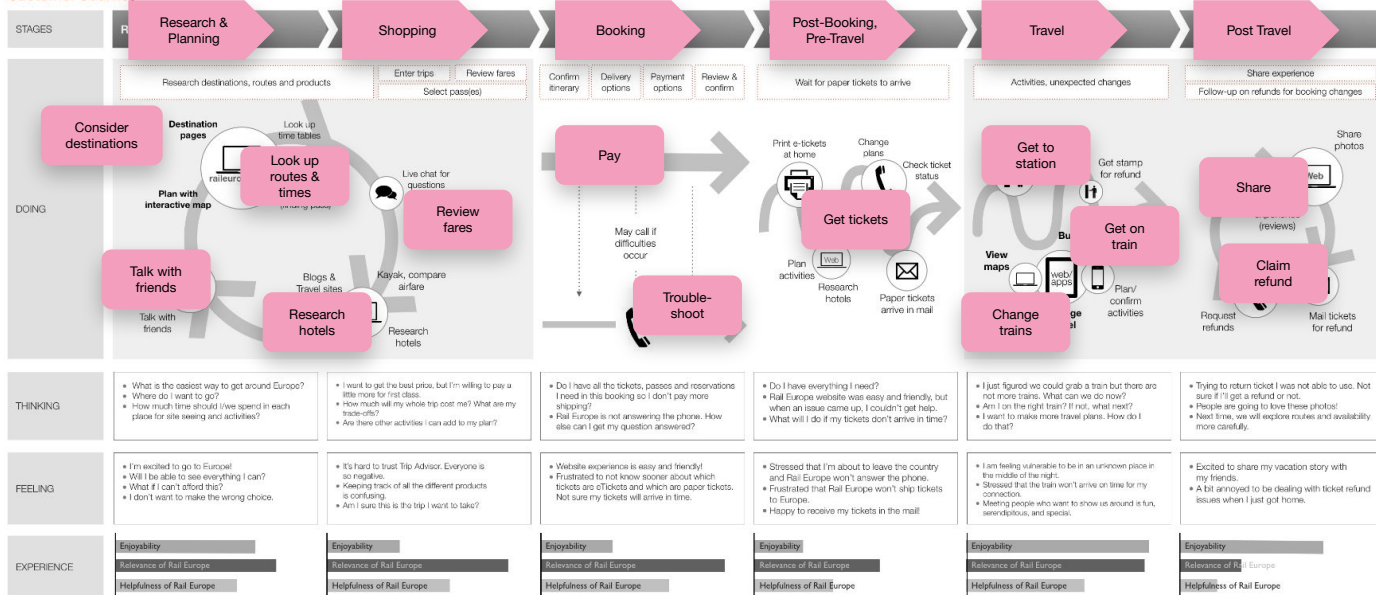
People choose rail travel because it is convenient, easy, and flexible.

Rail booking is only one part of people's larger travel process.

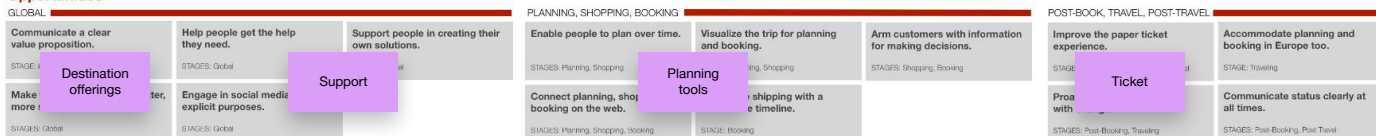
People build their travel plans over time.

People value service that is respectful, effective and personable.

### Customer Journey



### Opportunities



Mapping Experiences

adaptive path

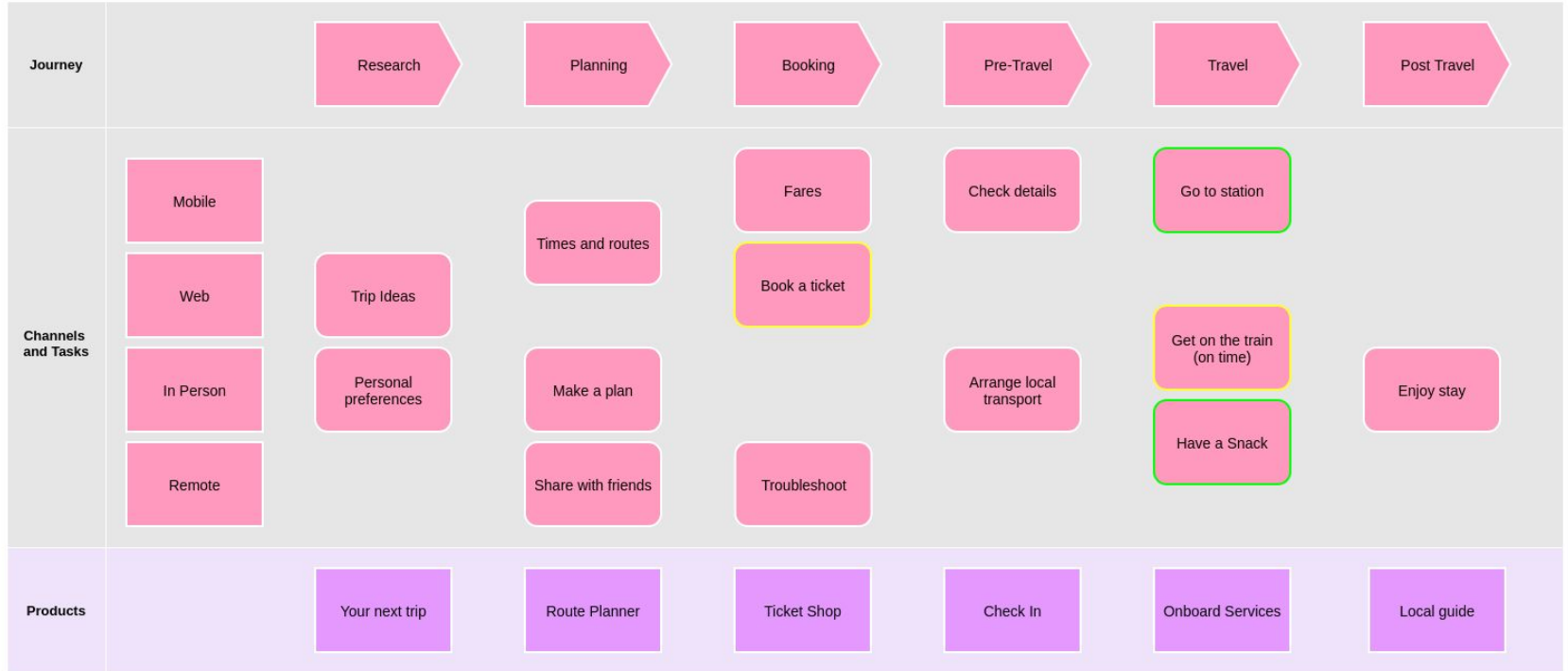
Information sources

- Stakeholder interviews
- Cognitive walkthroughs
- Customer Experience Survey
- Existing Rail Europe Documentation





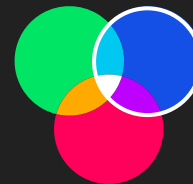
# Experience Example



# Facet Focus



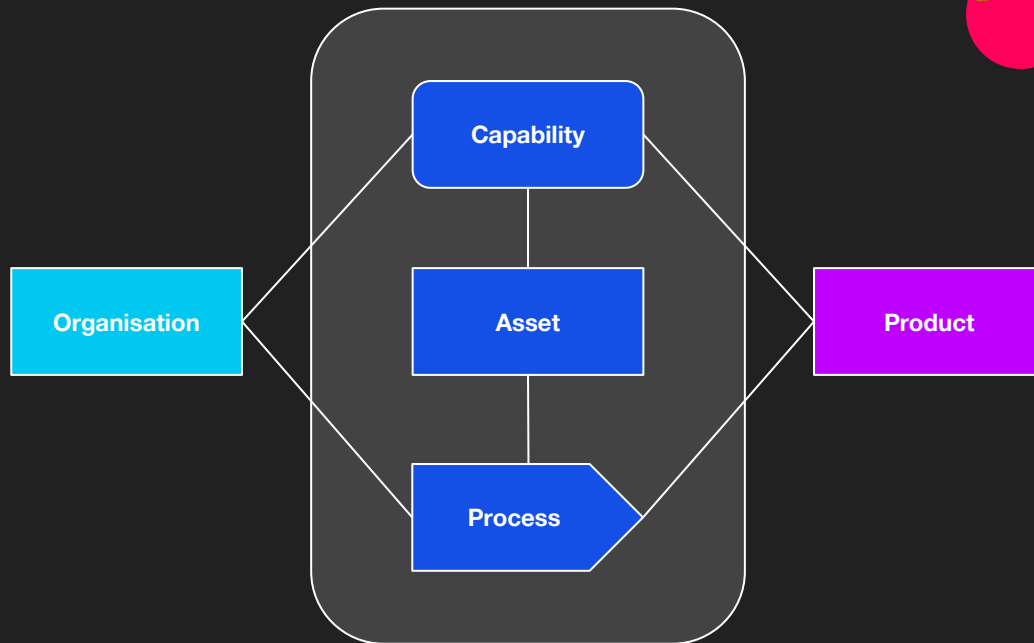
## Architecture



What makes all the parts in our enterprise work together?

What are we capable of achieving?

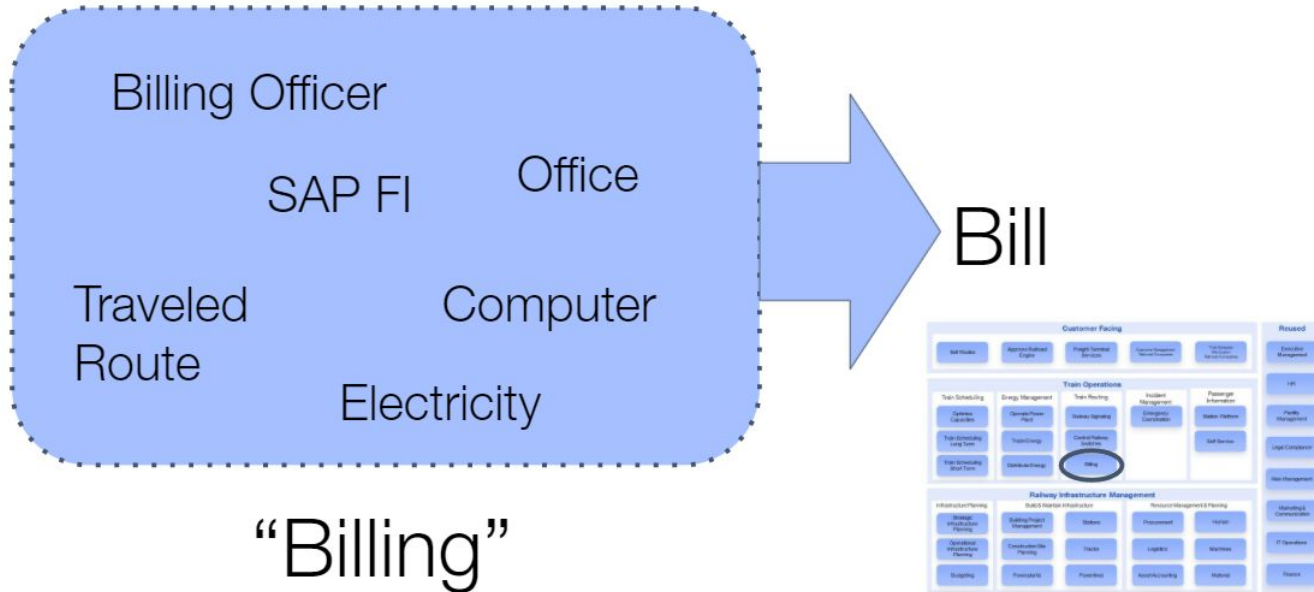
How do we make use of our assets and resources?





# Capability

“What our enterprise can achieve by orchestrating its people and assets”





# Process

“Related activities our enterprise carries out.”

## Process "Track Lifecycle"





# Assets

“Things we need to perform activities.”

## Physical

- Machine
- Building
- Raw Material

## Information

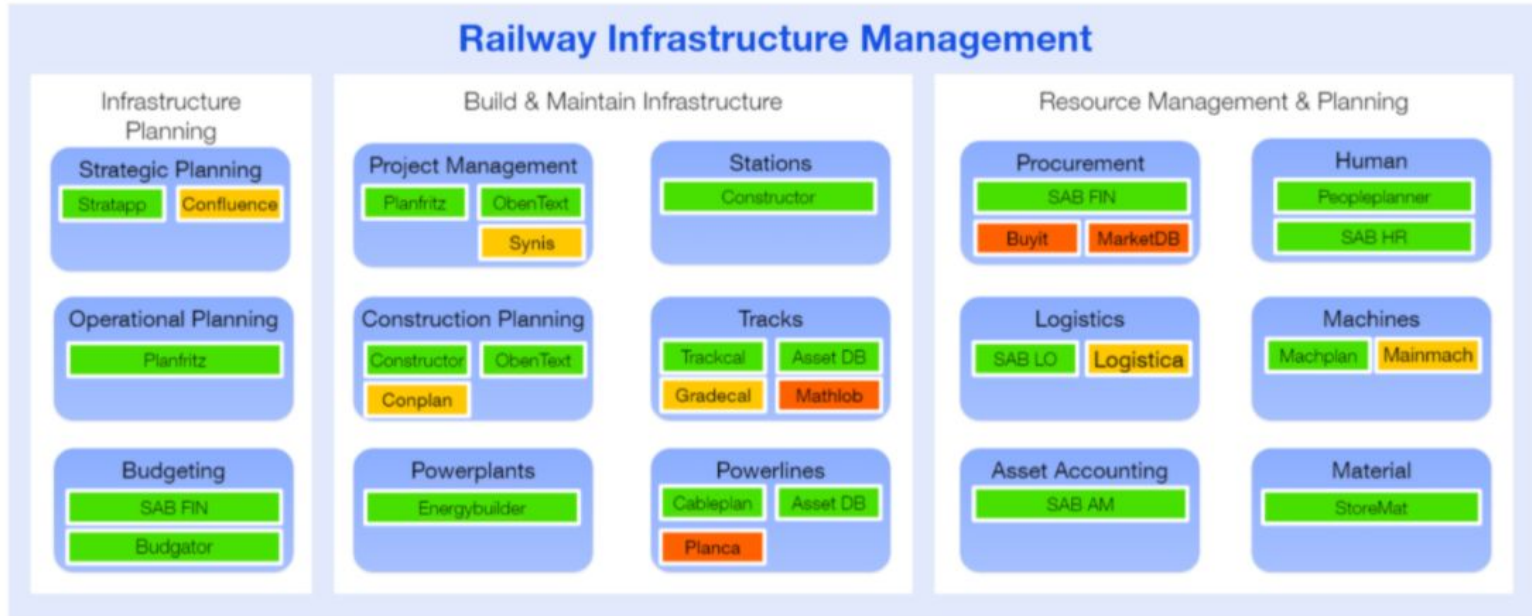
## Software

- Application
- Software Technology





# Assets - IT Applications



 ...Strategic

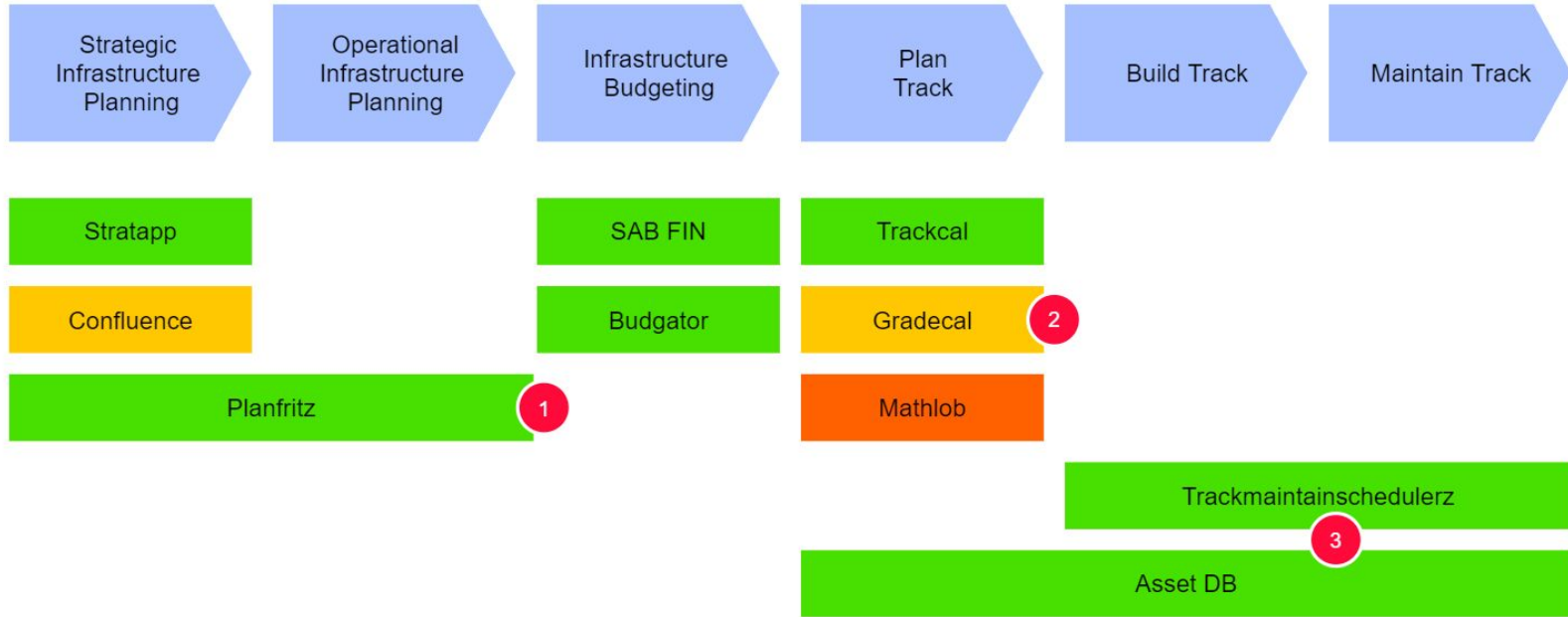
 ...Replace in 3 to 5 years

 ...Replace in 1 to 2 years





# Assets - IT Applications





# Intersection Focus

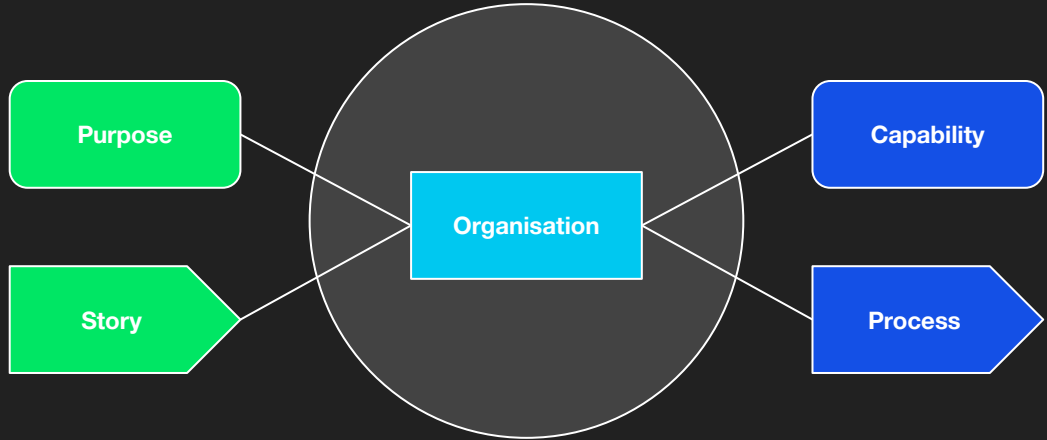


## Organisation



How do we work together as a team?

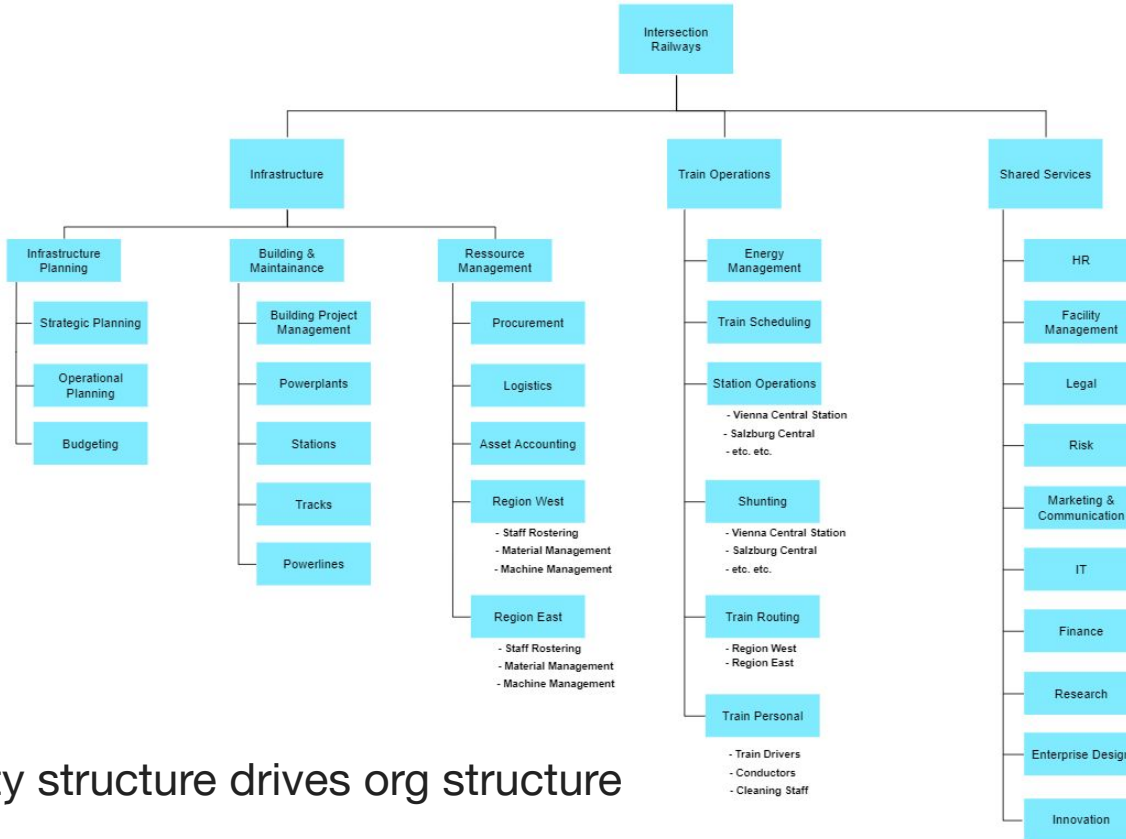
How do we make decisions, collaborate, repartition responsibilities and teamwork?





# Organisation

“A team or group of people working together.”



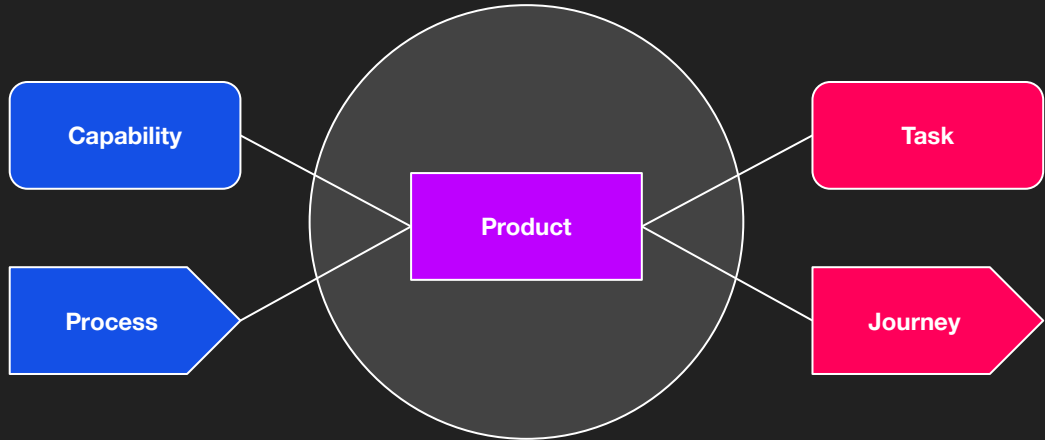
Capability structure drives org structure

# Intersection Focus

## **Product**

What are we making  
and offering?

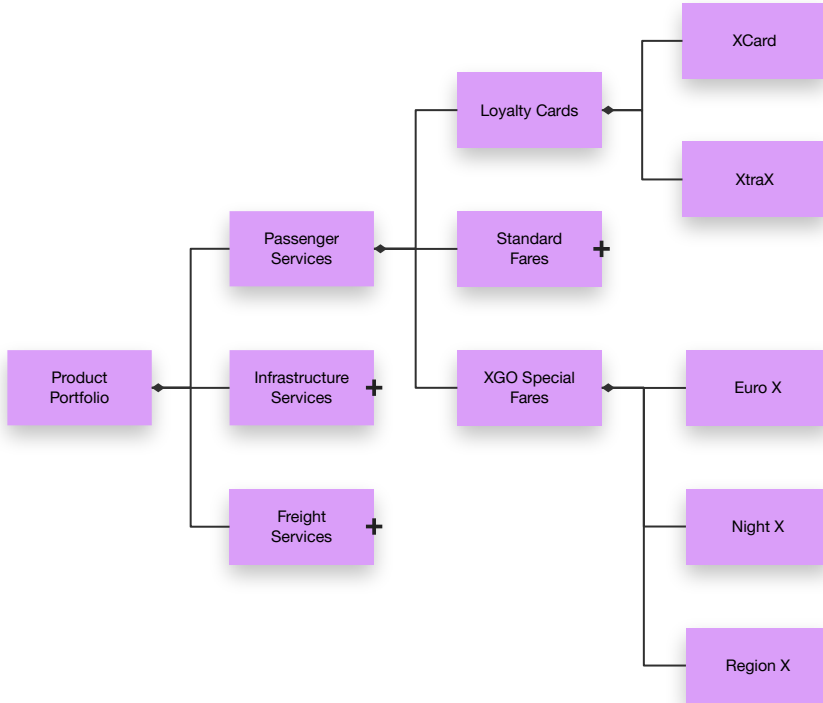
What products or  
services do we propose  
to people?





# Product

“Something our enterprise makes and offers.”

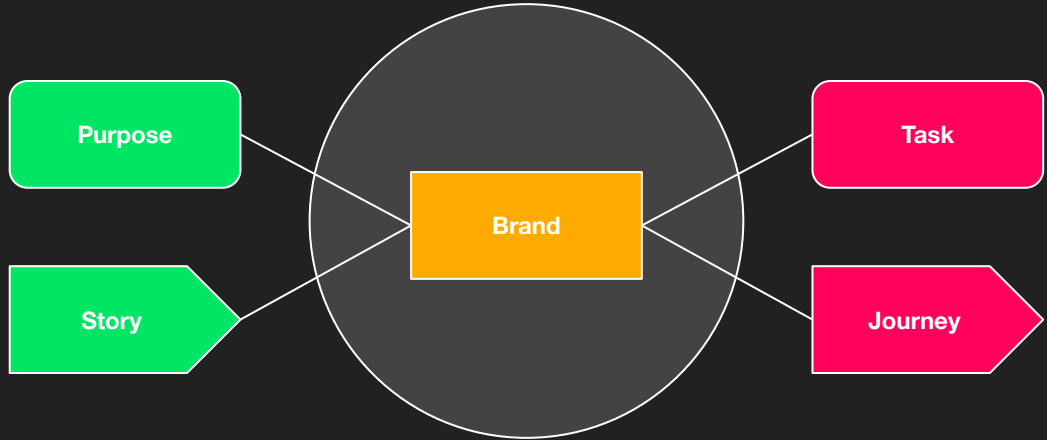


# Intersection Focus



How are we  
being perceived?

What does our name  
stand for, what is our  
image and reputation?



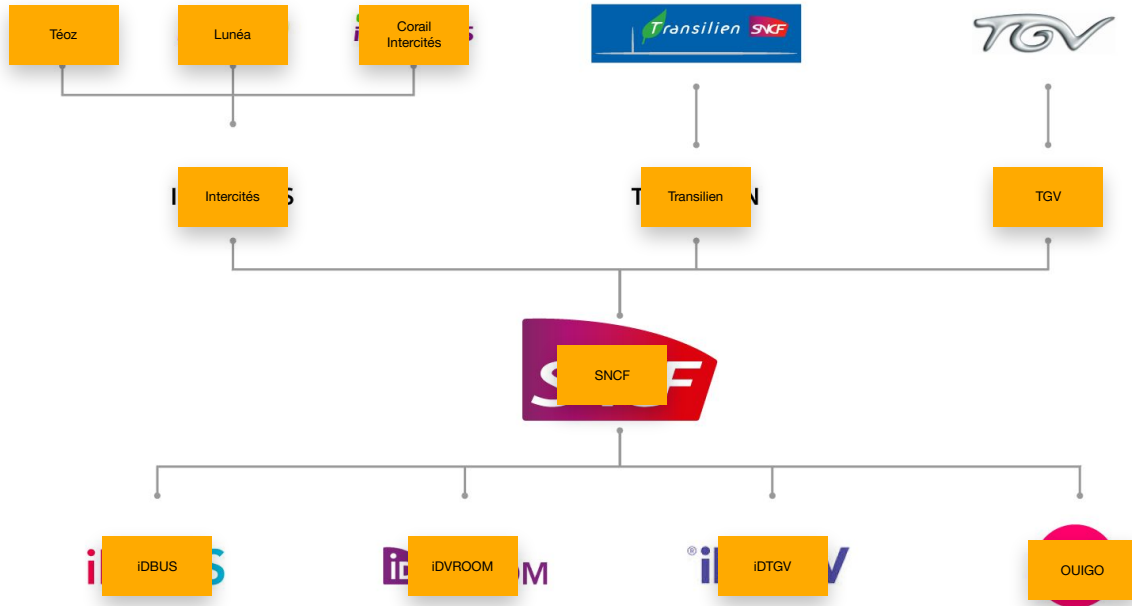


# Brand Example

W BRAND OBSERVER™

## ÉVOLUTION STRATÉGIQUE DU PORTEFEUILLE DE MARQUES

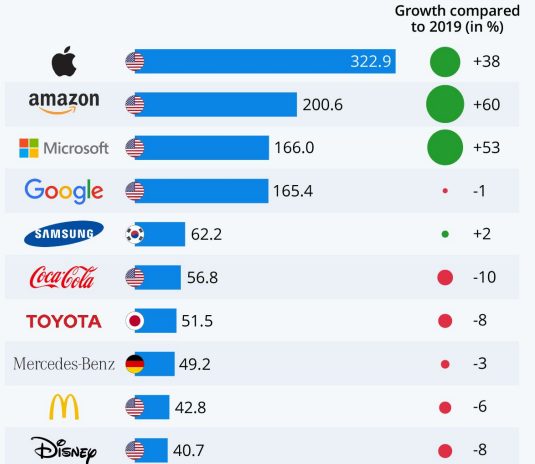
ANNÉE DE RÉFÉRENCE 2014



Comment devenir la marque du transport personnalisé porte à porte quand on est la marque du chemin de fer ?  
 Après avoir neutralisé ses marques ferroviaires en 2011, la SNCF met en avant ses innovations en développant des marques telles que Ouigo, ou en s'appuyant sur le radical "ID" pour "idée".

## The World's Most Valuable Brands

Brand value of the most valuable brands in 2020 (in billion USD)

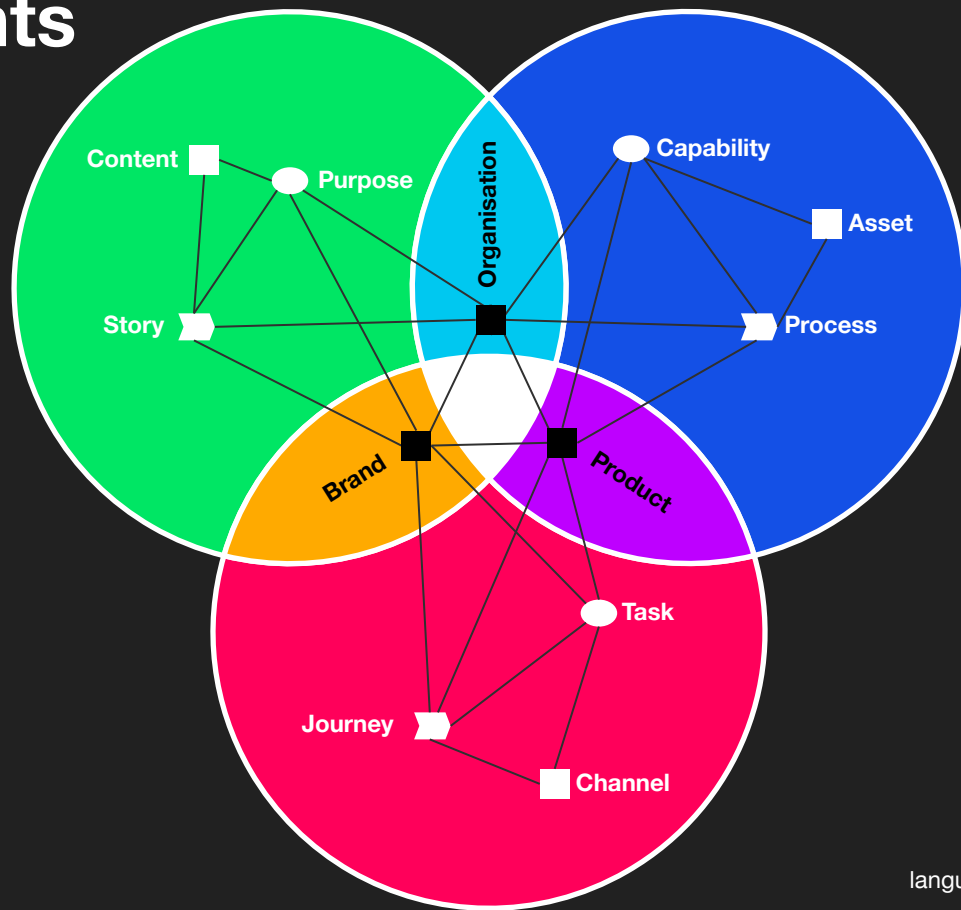


Source : Interbrand



statista

# Focus Elements



● Outcome

▸ Activity

■ Thing



Elements of the **EDGY** modelling language based on the [FBS Ontology](#)

# EDGY Elements

Used to map enterprise elements and relations, trace their interplay, and express a future design.

## Product

something our enterprise makes and offers

## Journey

people's activities when interacting with our enterprise

## Task

what people want to achieve with our help

## Channel

the environment, context or means of interaction

## Brand

our name and what it stands for

## Purpose

what our enterprise pursues and believes in

## Story

the way we understand and explain what we do

## Content

what we communicate in text, picture or video

## Organisation

a team or group of people working together

## Capability

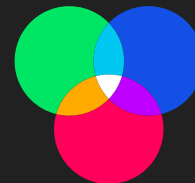
what our enterprise can do and achieve, with people and assets

## Process

related activities our enterprise carries out

## Asset

Things we need to perform activities





# An EDGY Service Blueprint



# An EDGY Milky Way enterprise map



# Our community

**700+** members on Slack

**3000+** newsletter subscribers

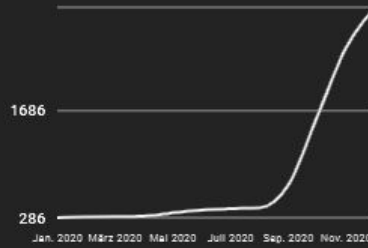
Enterprise Designers from various backgrounds:

About 30% Enterprise and Business Architects

About 30% Experience, Service and Business Designers

A diverse group of about 40% other, related profiles:

Business Analysts, Founders and Executives, Innovation or Change Agents, Operations and Process Designers, Organisation Designers and Developers, Branding and Marketing Experts, Agilists and Digital/IT Experts, Product Owners, Industry Experts...

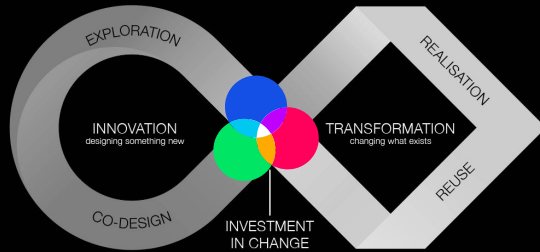


LISTENAUSBAU

↑ **1.166,4%**

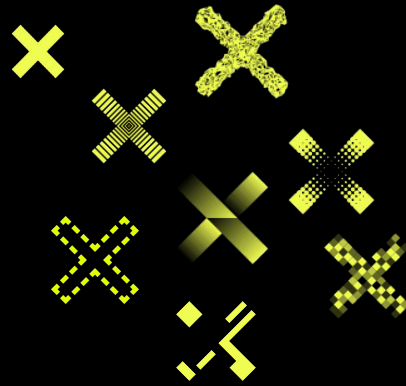


# Intersection Group is a **Non Profit Association**



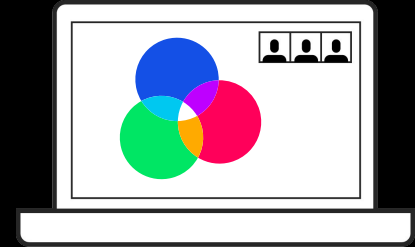
## **EDGY approach and tooset**

An open source set of tools to do Enterprise Design for key challenges



## **Community and Events**

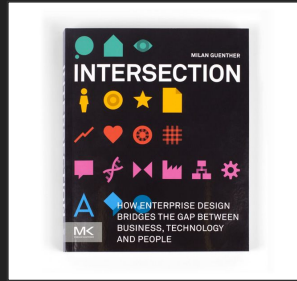
A global community of skilled practitioners and thinkers



## **Digital Tool Support**

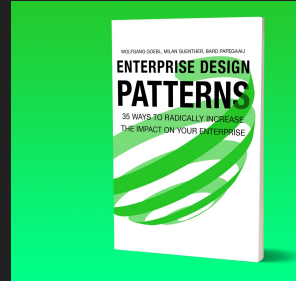
Software tools supporting EDGY, the Milky Way and other enterprise maps

# Creating Knowledge Products



## Intersection: bridging the tech-biz-people gap

2012: A primer for holistic and systemic design at enterprise scale



## A Pattern Language for Enterprise Design

Just out! 35 instantly usable patterns for enterprise design



## Training and tools for practitioners

2021: Content, tools and courses delivered by our education partners

**You work very hard,  
but does it really  
make a difference?**

**Buy the book**

[www.enterprisedesignpatterns.com](http://www.enterprisedesignpatterns.com)



# Intersection 22

Stockholm, September 26-27, 2022

🏠 Conference

📅 September 26–27, 2022, 09:00

📍 Södertälje / Stockholm, Sweden

More Details

100% LIVE

**EDGY V1.0α**  
A graphical language for  
collaborative  
Enterprise Design



## EDGY

A graphical language for collaborative Enterprise Design

🏠 Webinar

📅 March 16, 2022

📍 Online

Mar 16th, 4 pm Berlin, Paris - In this webinar, Milan Guenther and Wolfgang Goebel will be presenting the upcoming V1.0 of our graphical language for collaborative Enterprise Design.

100% LIVE

The Story of  
**Severin**  
the  
Service Designer



## Severin the Service Designer

With Milan Guenther

🏠 Webinar

📅 March 30, 2022

📍 Online

March 30th, 4 pm Berlin, Paris - In this webinar, Milan Guenther tells the story of Severin as they start their new engagement as a Service Designer, aiming to deliver new offerings and a better experience to their client's customers.

<https://intersection.group/events/>

# Thank you!



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[www.intersection.group](http://www.intersection.group)



[“Intersection Group”](#)



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