Digital Products, Innovation, Experience

Strategy, Architecture and Operations



Raphael's purpose

Impact and simplicity are in my DNA

"Create impact by sharing knowledge"

Portfolio

Portfolio Digital Products

Digital Products Driving Large & Complex Projects

25 Years Into Digital Products

From the early web to the multi platform late explosion with IA based features. During my career, I worked on numerous **digital products of different sizes**, for different users' scenarios, in different sectors.

The chance was given to **learn from** some of **the creators** of the UX industry (Don Norman, Jackob Nielsen, as well as to **collaborate with some of the best** references in the industry (Gerry Mc Govern, Vitaly Friedman...).

From vision and strategy to implementation follow up and industrialisation of operations, my career in the field allow me to bring you a strong **360**° **view on how to build and optimise a digital product**.

MyProximus

MyVOO

BNP Banking app

My Mobistar

My Carrefour

My IRISnet Full use case

SPW apps Highlight

European Parliament website Highlight

Lola Liza e-commerce

Idloom event management SaaS

Digital Products

Full ve case

My IRISnet
From 0 To Flagship Product in 3 Years

Digital Products Full use case

My IRISnet: From 0 To Flagship Product in 3 Years

Challenge

IRISnet was facing a challenge slowing down its growth: a balkanised IT eco system with numerous back-ends, and complex semi manual processes. Customers and employees had to access multiple tools and interfaces to be able to complete tasks creating an error prone environment and some discontinuity.

Solution

A api layer and a Web Prog app. We selected a modern web stack (react, graphQL, ...) as well as an approach based on the industrialisation of maintenance optimisation.

Later we started developing a second app based on the same stack and patterns for internal users. Both users having different needs and profiles, a dedicated app with specific flows have been developed.

Digital Products Full use case

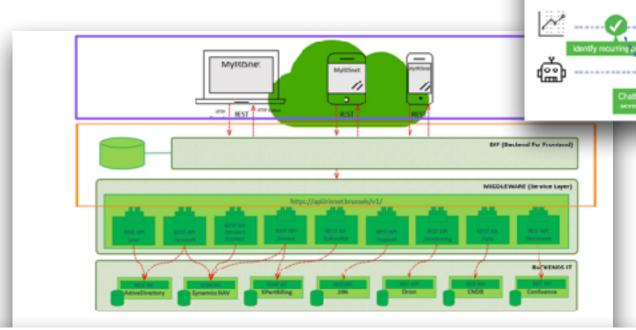
My IRISnet: From 0 To Flagship Product in 3 Years

Internal vision and alignment

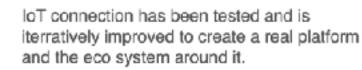
First we needed to convince management and shareholders' board that this was the right move in their digital transformation.

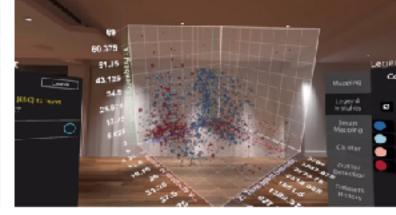
Once the idea was sold, we needed to recruit a team (agencies, freelancers mostly as the internal team had no real experience with digital product creation and process digitisation.

To achieve that we created a vision showing that it would unlock a best in class architecture that would be the corner stone of a user centric omnichannel approach and offering low entry bar to other future innovation like XR, IoT and AI powered features.







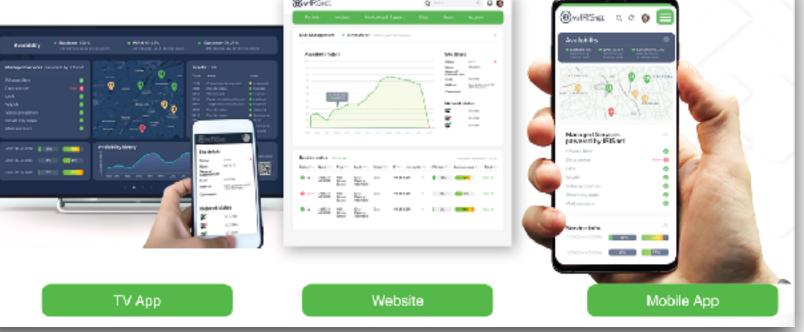


React is Augmented Reality ready and R&D is performed as we speak applications.



Omnicanal

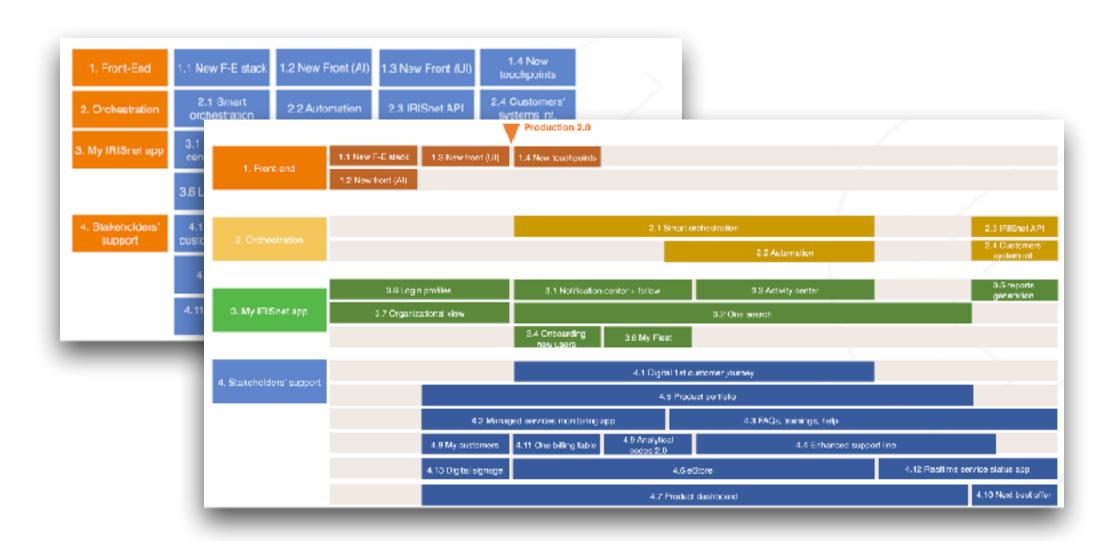
Midware orchestration layer is integrating



My IRISnet: From 0 To Flagship Product in 3 Years

Project lead and roadmap

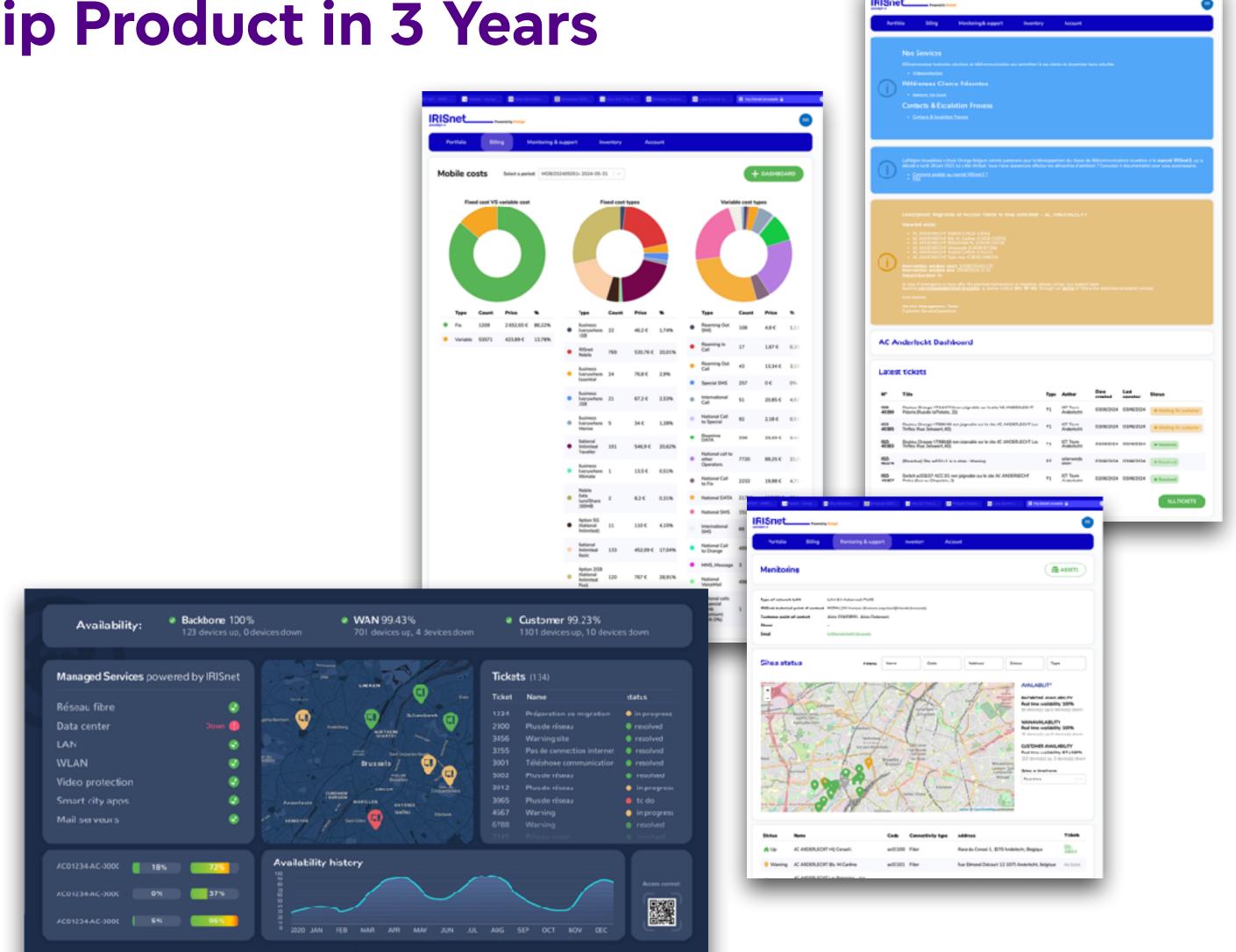
- Collection of updated strategies,
- Users' feedback and stakeholders' needs,
- Grouping and rationalisation of the request,
- Creation of a prioritisation matrix,
- High level estimation of the effort needed,
- Creation of the roadmap,
- Presentation/validation.



My IRISnet: From 0 To Flagship Product in 3 Years

From Conception to development

- BREQs
- Functional analysis
- Wireframing
- Interaction design
- Kanban management
- Q&A
- Steering Committees
- Board Committees



My IRISnet: From 0 To Flagship Product in 3 Years

Testimonial



"The launch of the mylRlSnet customer selfcare tool was of a quality and efficiency rarely encountered for such complex projects.

This success demonstrated that working with a small team of experts actually provided a high guarantee of results and budget control.

This was made possible through greater agility, particularly a better ability to pivot by iteration, and an easier way to include clients in the process to secure user adoption."

Yves Haas, Head of Product management @ IRISnet

My IRISnet: From 0 To Flagship Product in 3 Years

Results

- 50%+ customers onboarded 1 year
- NPS up by +40%.
- New organisation decided to make MyIRISnet the main touchpoint for their experience centric strategy.

Digital Products

Highlight

European Parliament DesignOps Aligning Operations In Delivery Phase

Digital Products DesignOps

Process and concept definition, documentation, alignement, ensure that concepts, definitions, roles and responsibilities are clear and everyone has the same understanding.

A common challenge that eventually emerges in most design system is that design and development efforts are often out of sync, causing friction as design or code are produced without going through the design system step along the way. That was prevented by these DesignOps set up.

When to create a changelog?

Every time a change is pushed to the EP.DS Git repository, a commit needs to be created, and this commit should be included in the changelog.

Types of Changes

- Added: New features.
- Changed: Changes in existing functionality.
- · Deprecated: Soon-to-be removed features.
- Removed: Now removed features.
- · Fixed: Bug fixes.
- · Security: Vulnerabilities.
- Other: Sustainability gains, accessibility updates, data usage changes (e.g., GDPR).

Changelog naming convention

To keep it simple, we use two elements in the naming convention: the year and the iteration number (incremental progression).

Examples of commit names:

- 2023.15
- 2024.1
- 2024.2
- 2025.1



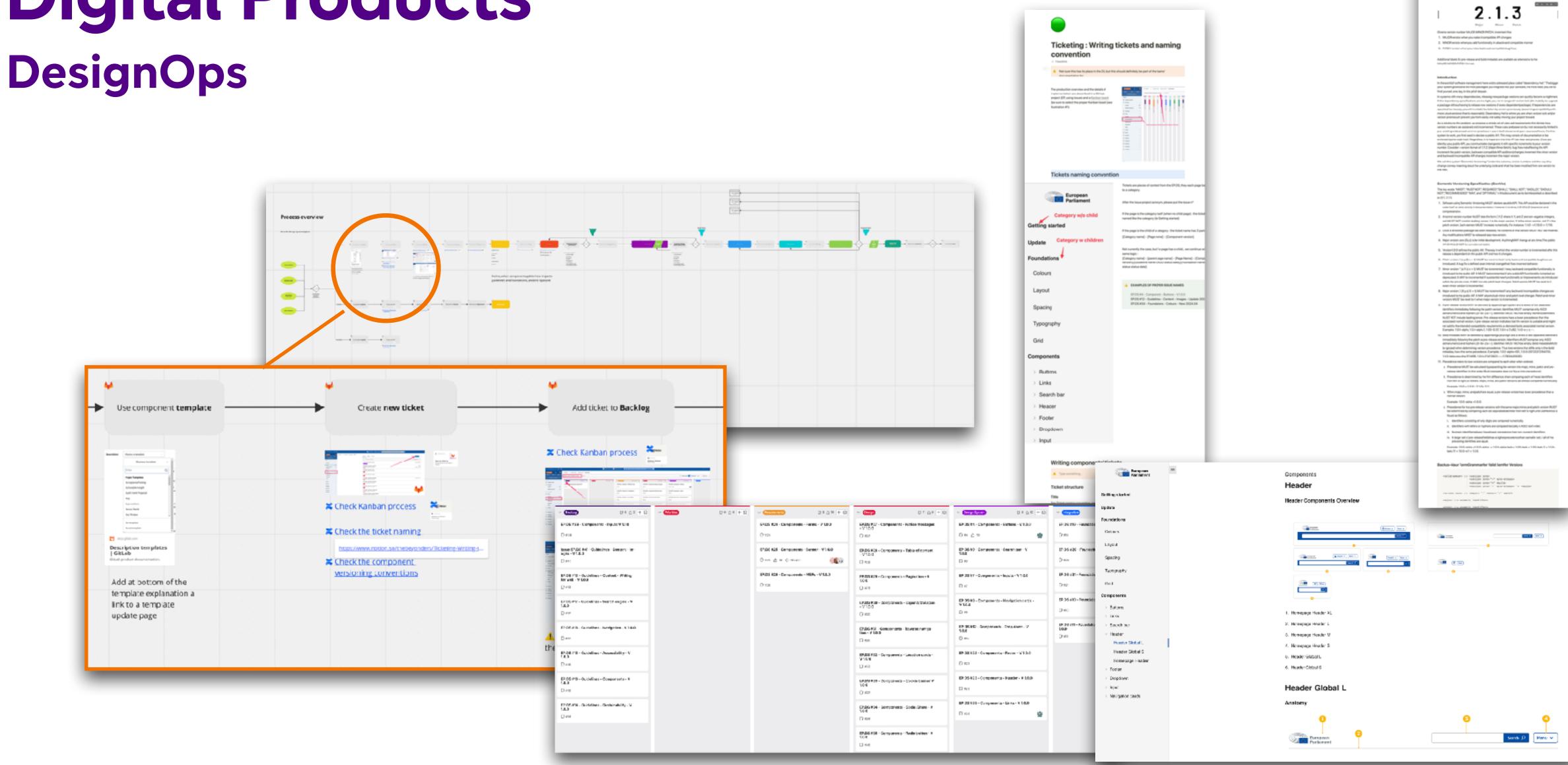
For commit versioning in GitLab, the Milestone property is used.

How to write a commit?

	COMMENT	DATE
Q	CREATED MAIN LOOP & TIMING CONTROL	14 HOURS AGO
¢	ENABLED CONFIG FILE PARSING	9 HOURS AGO
ļφ	MISC BUGFIXES	5 HOURS AGO
Ι¢	CODE ADDITIONS/EDITS	4 HOURS AGO
Q.	MORE CODE	4 HOURS AGO
Ιþ	HERE HAVE CODE	4 HOURS AGO
ΙΙÞ	ARAAAAAA	3 HOURS AGO
Ι φ΄	ADKFJ5LKDFJ5DKLFJ	3 HOURS AGO
¢	MY HANDS ARE TYPING WORDS	2 HOURS AGO
¢	HAAAAAAAANDS	2 HOURS AGO

AS A PROJECT DRAGS ON, MY GIT COMMIT MESSAGES GET LESS AND LESS INFORMATIVE.

Digital Products

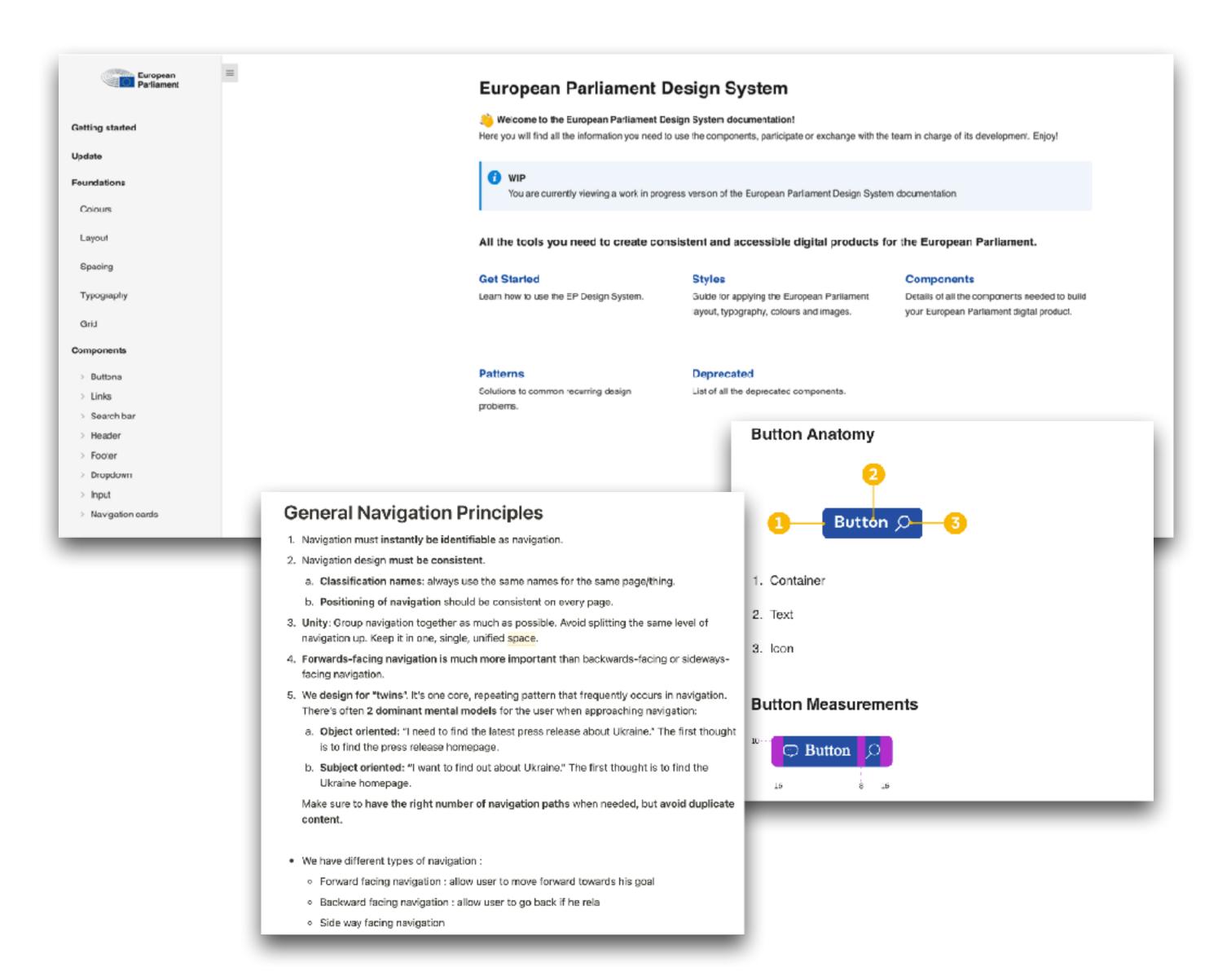


Code version of the component

Digital Products Design System

Daily job was about documentation of every decisions, rules and coordination between stakeholders (management, business, designers, integrators, devs, Q&A) to fine tune concepts, definition, edge cases, ... of the design system and component library.

Direct hand in hand collaboration with Smashing Magazine and Smashing Conf. founder, **Vitaly Friedman.**



Digital Products

Highlight

European Parliament Navigation
Tens of thousands of pages in 27 languages

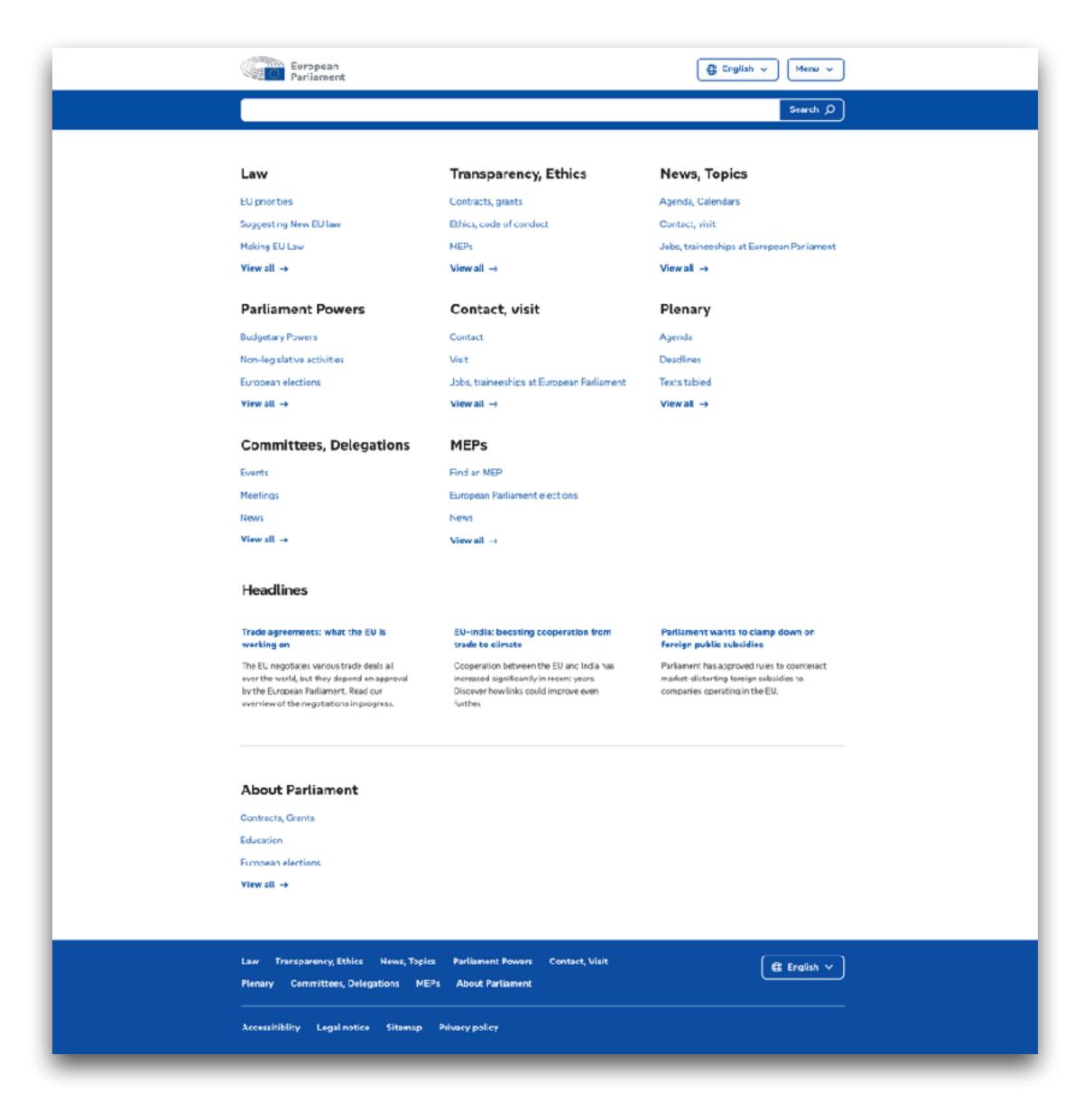
Digital Products Navigation and classification

The navigation of the European Parliament is the key component of the website, with peak traffic before elections **up to more than 1 million visitors a day**, it can make or break the success of the website.

After user tests for a first status (less than 20% success rate) we started working using the **Top Tasks Analysis methodology** in direct relationship with it's inventor, **Gerry Mc Govern**, we accomplished:

- more than 50 stakeholders' workshops,
- many design iterations,
- more than 6000 user tests,
- Complex url mapping and phasing plan to replace first the header and then mapping the pages bellow.

to come with a navigation that scores above 82% success rate.



Digital Products

Highlight

SPW Case Management Apps Program Complex Environment

Digital Products Information architecture

UX Strategy, Flows & Design System

Challenge

SPW faced a balkanisation of its applications, douzains of it, in countless technologies, stakeholders, UX approaches, ...

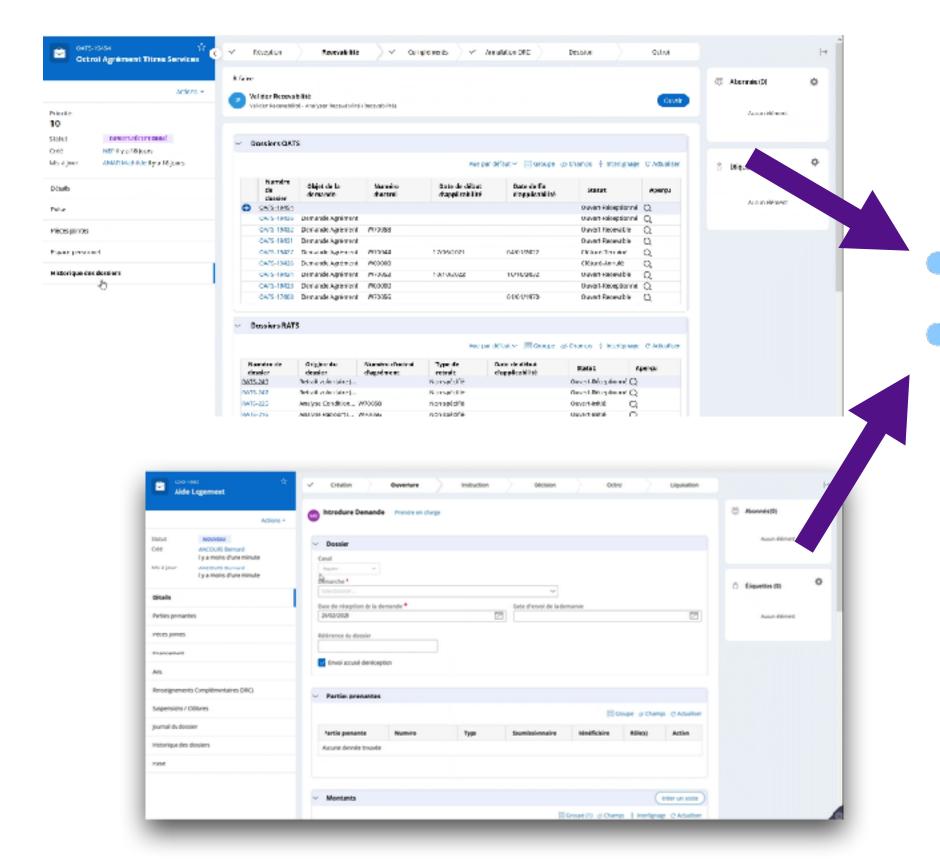
To respond to this issue, they have decided to regroup all these into 5 applications, integrating all the needs in term of flows, features and scenarios. They have decided to go for a Low Code Case Management System (PEGA) to develop the program.

After 5 previous UX consultants, I came and the 1st challenge was to understand the eco system and propose a plan for the coming year.

The business didn't wanted to take anymore delay, so all the research phase, interviews with users wasn't possible, no data. The whole project would need to be operate in "expert mode".

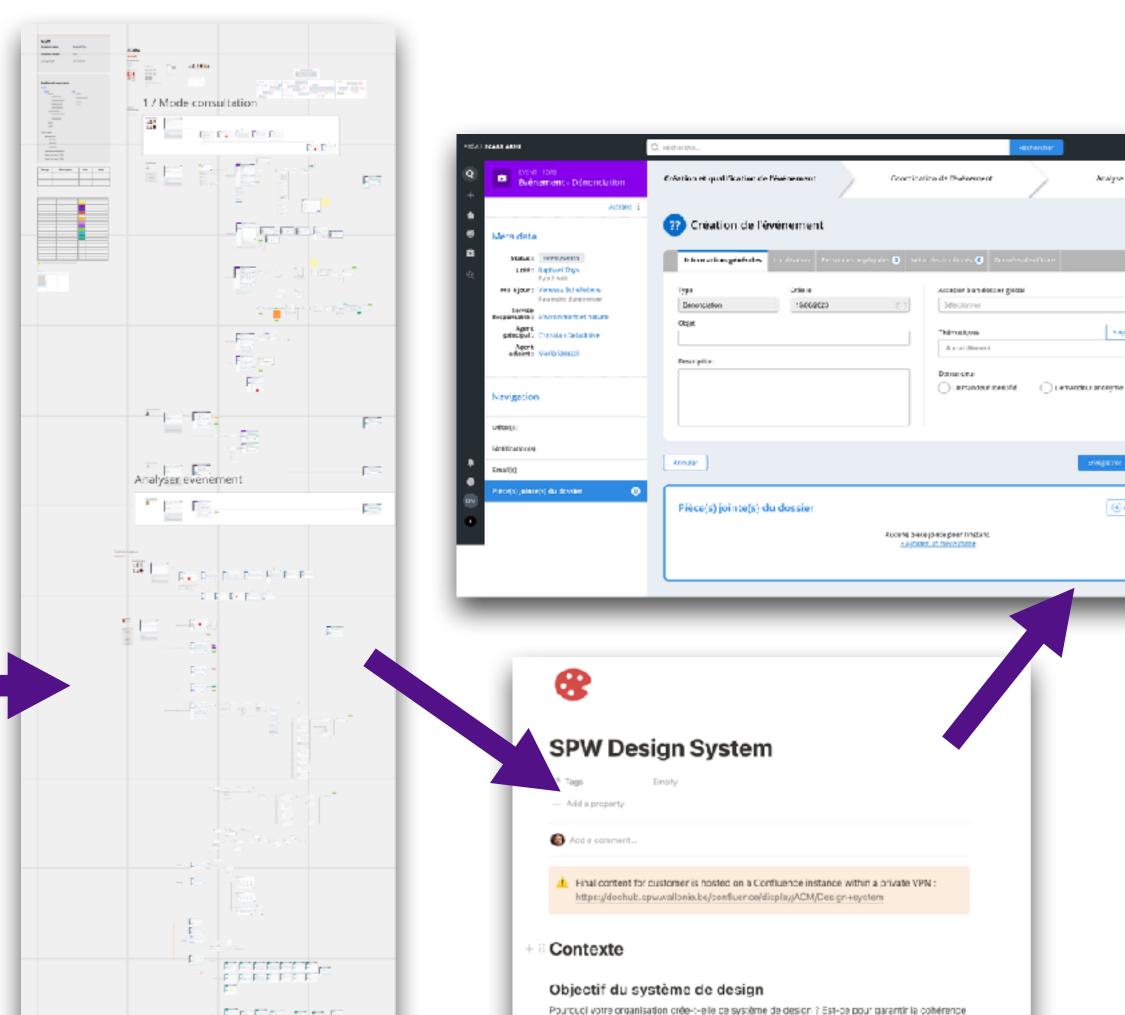
Raphael Thys' portfolio

Digital Products Information Architecture



Design System Implementation and final result

Raphael Thys' portfolio



de la marque, accélérer le développement, réduire les efforts redondants ou pour toutes ces

Rassembler une Équipe Multifonationnelle : Formez une équipe composée de designers UK/UI.

de développeurs, de stratèges de contenu et de chefs de produit. La collaboration assurera que le système de design est holistique et répond aux besoins des cirférentes parties prenantes.

Atemas : Ce sont les blocs de base, comme les boutons, les champs de saisie et les

Molécules : Combinaisons d'atomes formant une unité, comme une barre de recherche avec

Propriétaire et parties prenantes

Bibliothèque de composants de design atomique

un champ de saisie et un beuton.

La bibliothèque de composants du design atomique comprend

Comment fonctionne ce système de design?

Analyse de l'événement

Portfolio Vision, inspiration, future forward

Vision, inspiration, future forward Future Minded Earthling

World is now in a permanent VUCA state (post VUCA or BANI), a brittle, non linear and incomprehensible world that create anxiety. Strategy frameworks and linear roadmaps are no longer adapted to it. Future thinking, future scenarios and scenario based roadmaps are now the new paradigm to address strategic planification.

To feed this approach, trend and weak signal monitoring is more important than never before.

Knowledge management, future thinking, creation of future scenarios and then scenario based roadmaps are the new approach to face this new world, with a robust and anti-fragile approach.

In the past 10 years, I focused on developing these skills in addition to software design and creation as a second pilar for preparing my profile to face future challenges.

ItsMe

SquareCom

BNP Parisbas

Elia High light

Solvay Business School

IHECS & IHECS Academy

ICHEC

Bruxelles formation

ECS High light

Csquare

Knowledge Management High light

Education, Evangelism

Trough the years, I develop the ability to communicate complex ideas simply and with a focus on the human factor to engage and involve audiences.

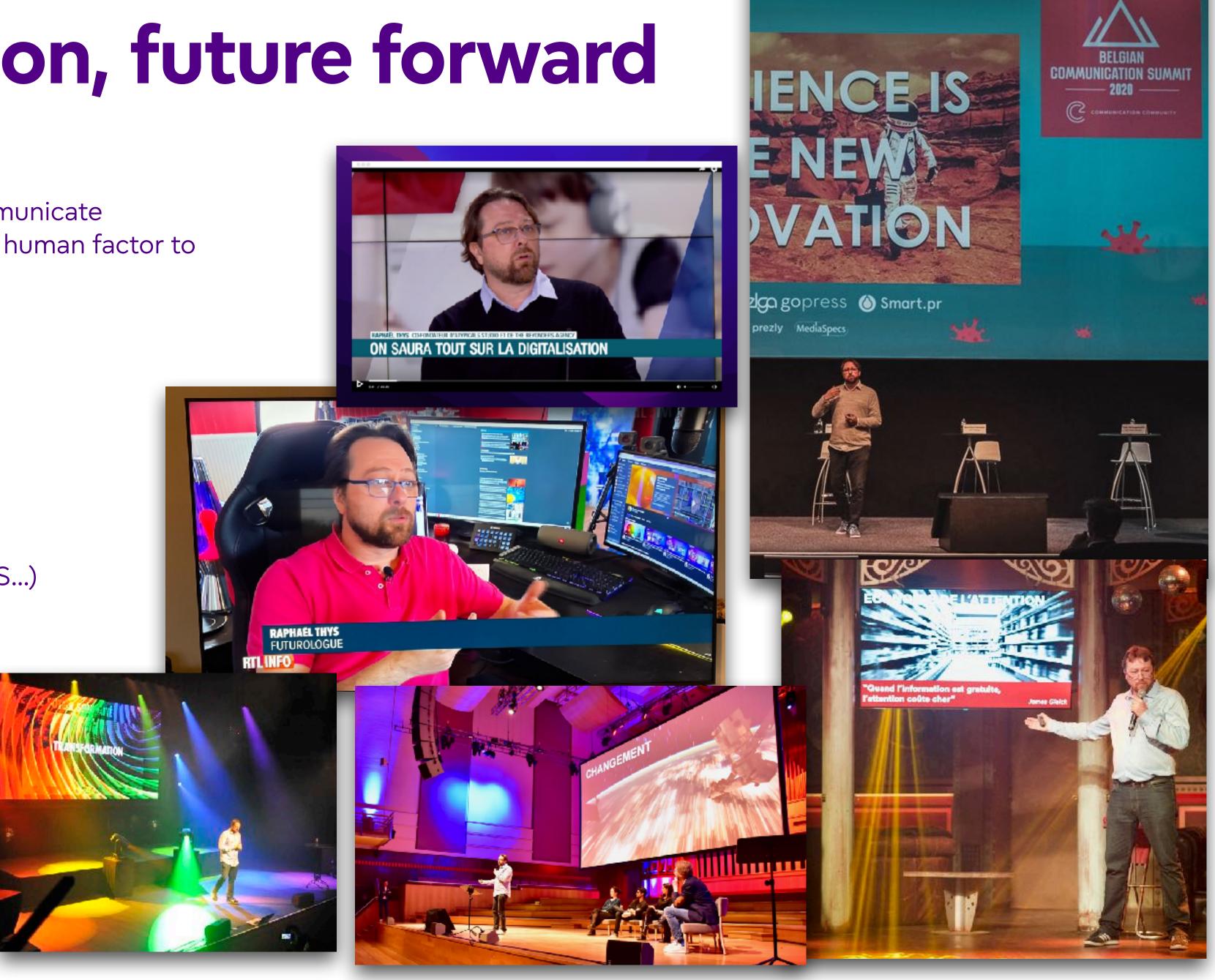
My most favourites topics are:

- Future thinking
- Change and transformation
- Digital products
- STEEP Trends

More than 12 years of teaching in various Schools and training centres (SBS, IHECS, ECS...)

Multiple TV appearances (LN24, RTBF, RTL).

6 years of public lectures and conferences.



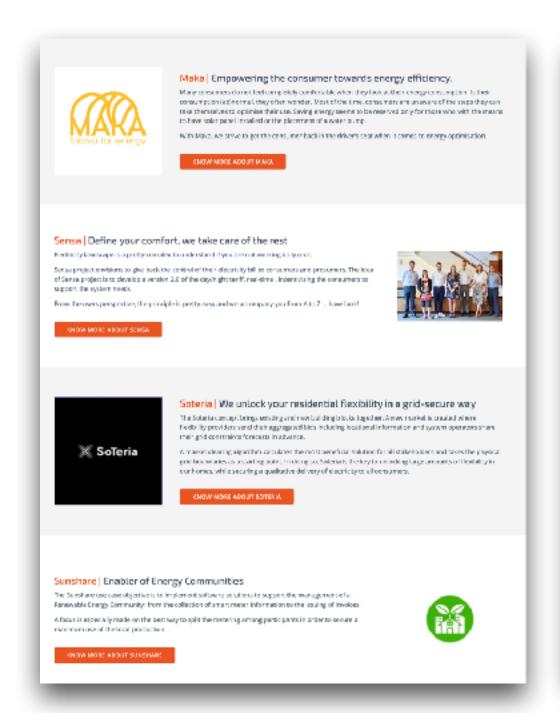
Highlight

Elia

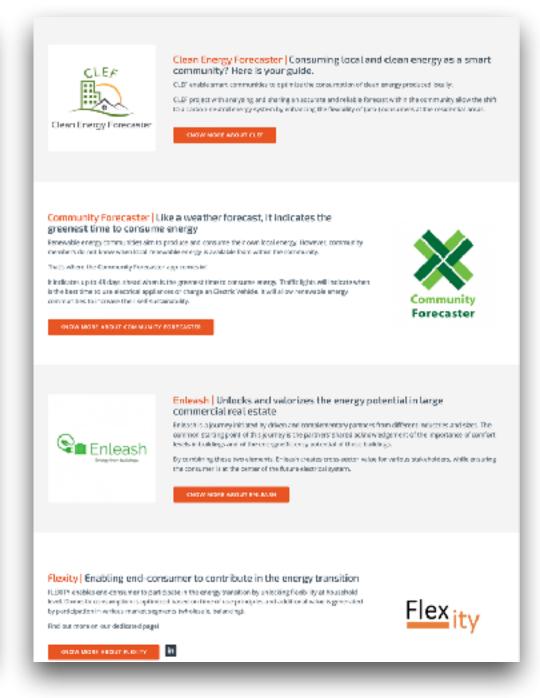
Internet of Energy: Open Innovation Eco-System

Vision, inspiration, future forward Internet of Energy Open Innovation Eco-System

Open Innovation Eco System facilitation for creation of companies that will represent the energy market in a decentralised grid. 120 companies (from Large account to research centers and startups).





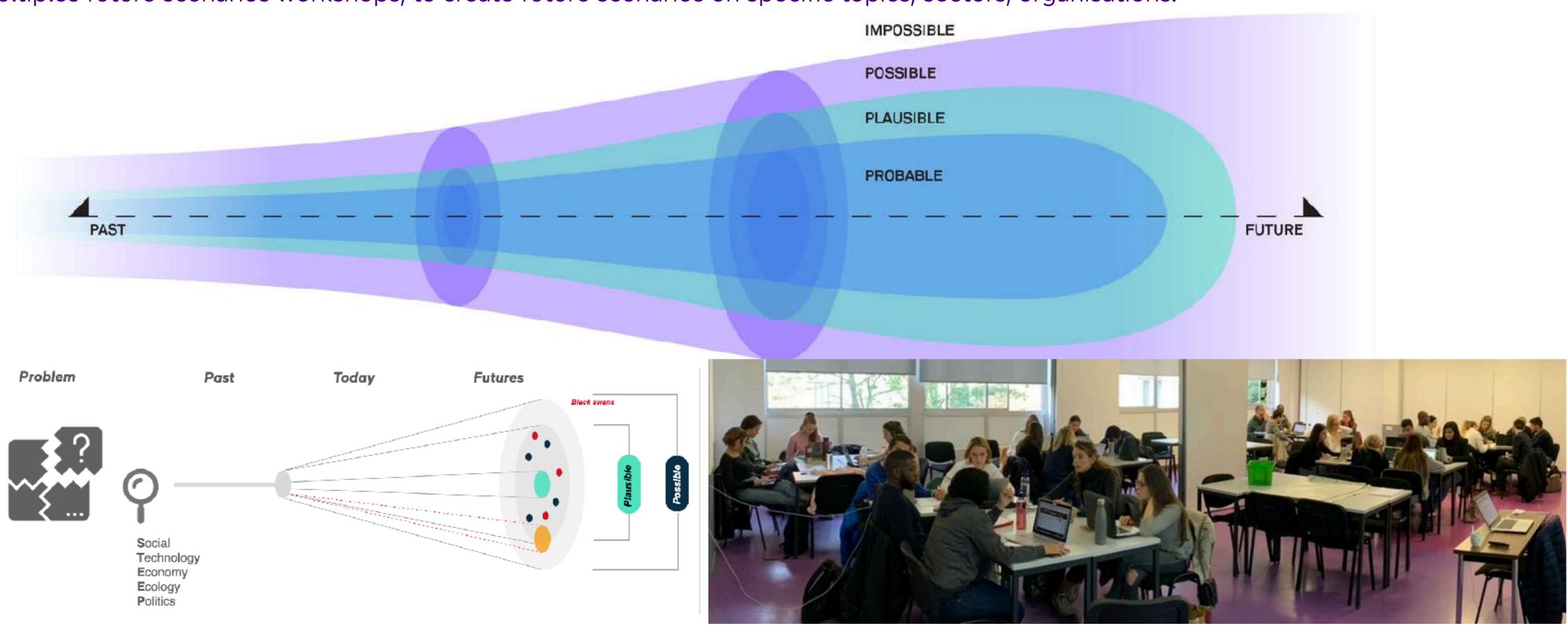


Highlight

ECS
Future Scenarios Workshops

Future Scenarios Workshops

Multiples future scenarios workshops, to create future scenarios on specific topics, sectors, organisations.

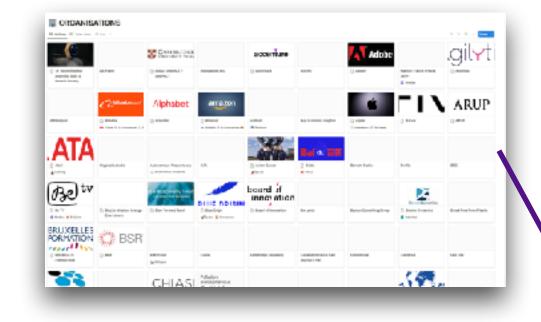


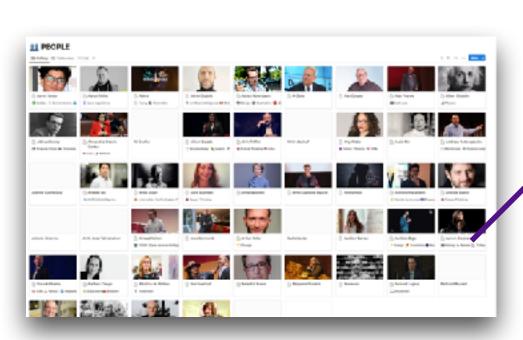
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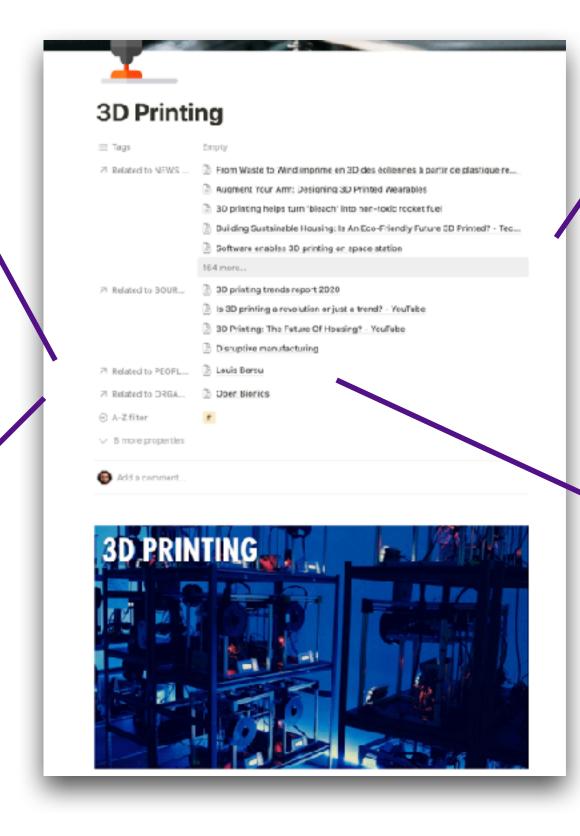
Knowledge Management
Notion Databases

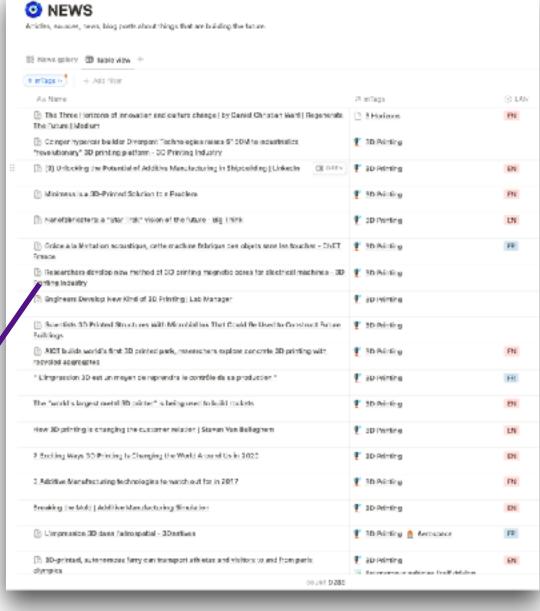
Knowledge management

More Than 10k Future Thinking and STEEP Trends Resources, growing daily.









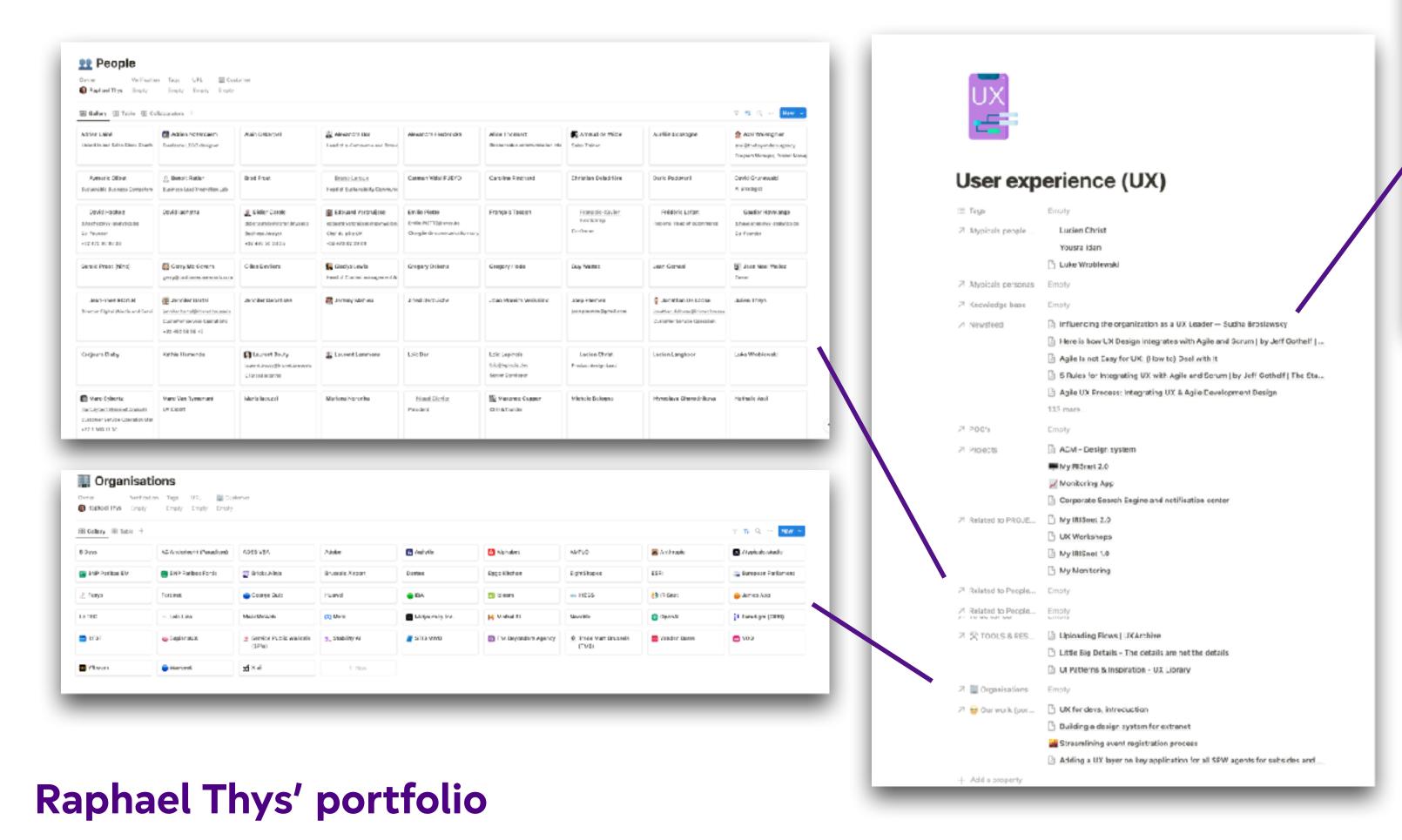
Reports, books, videos

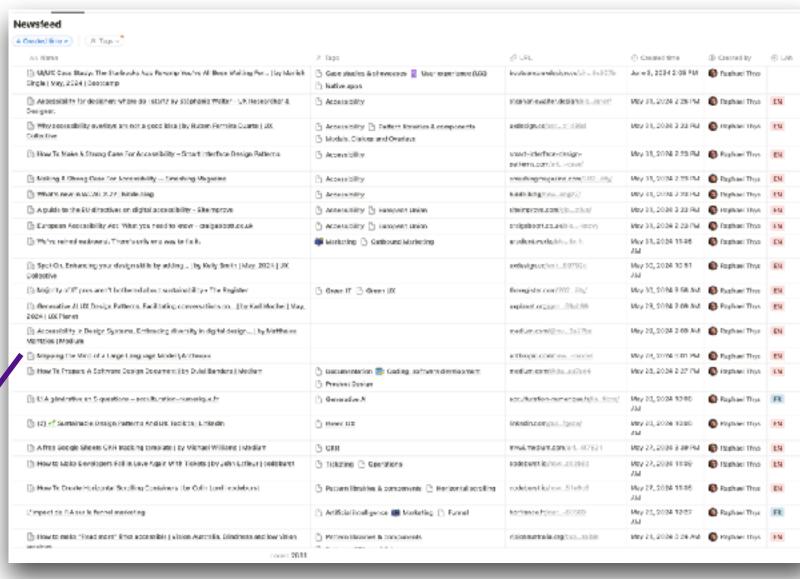
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Raphael Thys' portfolio

Knowledge management

More than 2600 articles on design, coding and digital products growing daily...





Full use case

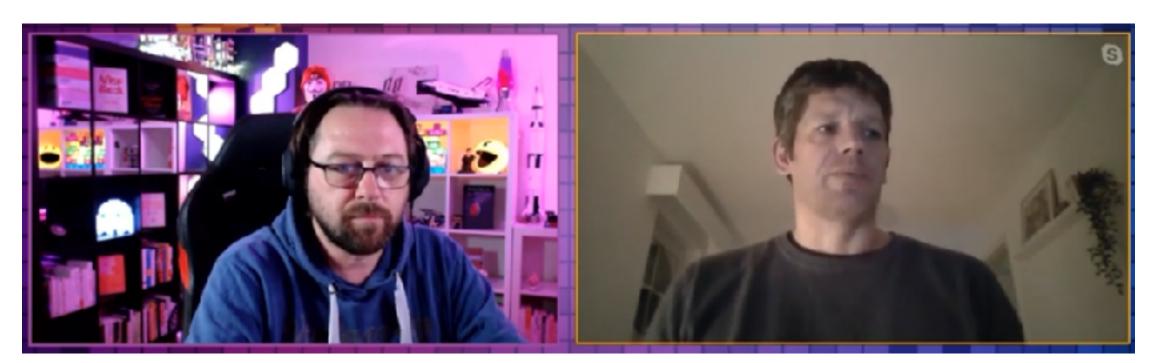
Knowledge Management Live interviews

Live interviews

People having an expertise, experience on a given topic are a goldmine as they can easily give you a structure, a description of the state of the topic...

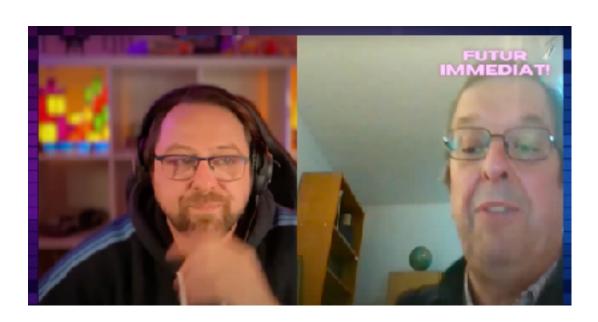
So in the last 2 years, I interviewed more than 80 experts, scientists, book authors, entrepreneurs specialised in various domains to better understand these topics during more than 200 hours.

In order to share this, the interviews were streamed live on Twitch and the replay is available on YouTube.



Philippe Deltenre, Head of digital platforms @**RTBF**Speaks about Public Services Media Digital Transformation

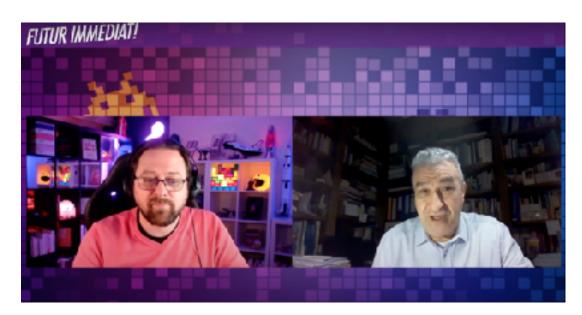
Live interviews



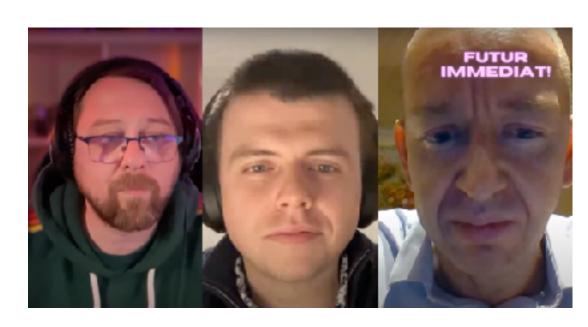
Vincent Massaut,
Nuclear fusion energy expert
@SCK CEN
Speaks about Nuclear fusion



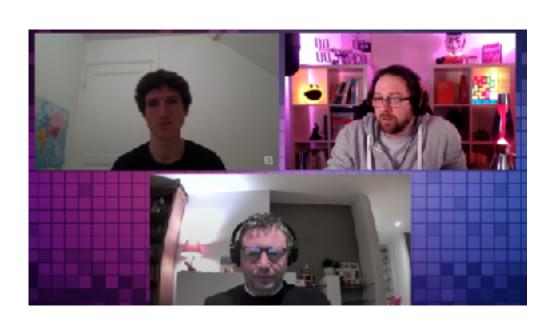
Eric Lambin @Standforfd, Speaks about environmental sciences



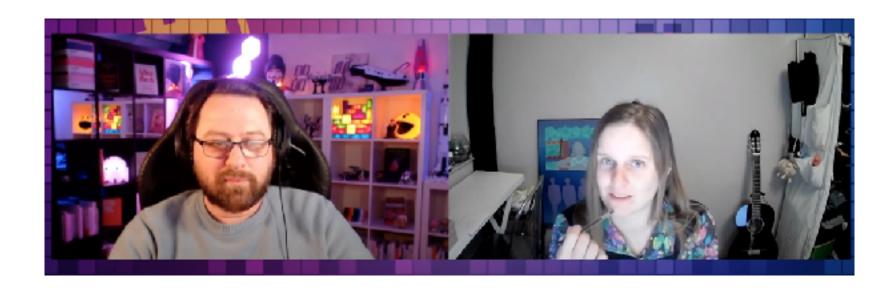
Hamid Aït Abderrahim, General manager @MYRRHA Speaks about Nuclear fission



Victor Dachet and Damien Ernst, researchers @ULG Speaks about RREH and Internet of Energy



Aurélien Big (PhD and Author)
@ULG Speaks about Mobility
decarbonation



Maud Clavier CEO @VRroom, Speaks about Metaverse, XR

See the full list of interviews

Raphael Thys' portfolio

Portfolio Technology creative

Technology creative Playing is the path to excellence

Creativity is intelligence having fun, said Albert Einstein. In this time of amazing progress, the possibilities are endless. But yet, you need to know it exist and be able to play, build, create things that brings value, curiosity and most of all, creates impact.

Bringing together technologies, ideas, skills and A players are one of the things I prefer the most. The best results I never achieved were always the ones where I had the most fun.

SWIFT High light
IRISnet High light
STIB High light

Technology creative

Highlight

IRISnet Smart City Experiential Marketing For Maximal Impact

Technology creative From Complexity To Playful Simplicity

LEGO bricks and IoT to educate and promote on the various use cases of the smart city. We build 15 interactive use cases combining LEGO bricks, IoT and animation on screen.

The results was stunning! We met a major success with impact in fairs, presentations, fairs. Experiential marketing is truly an amazing tools to promote and explain complex concepts, simply and playfully.



Technology creative

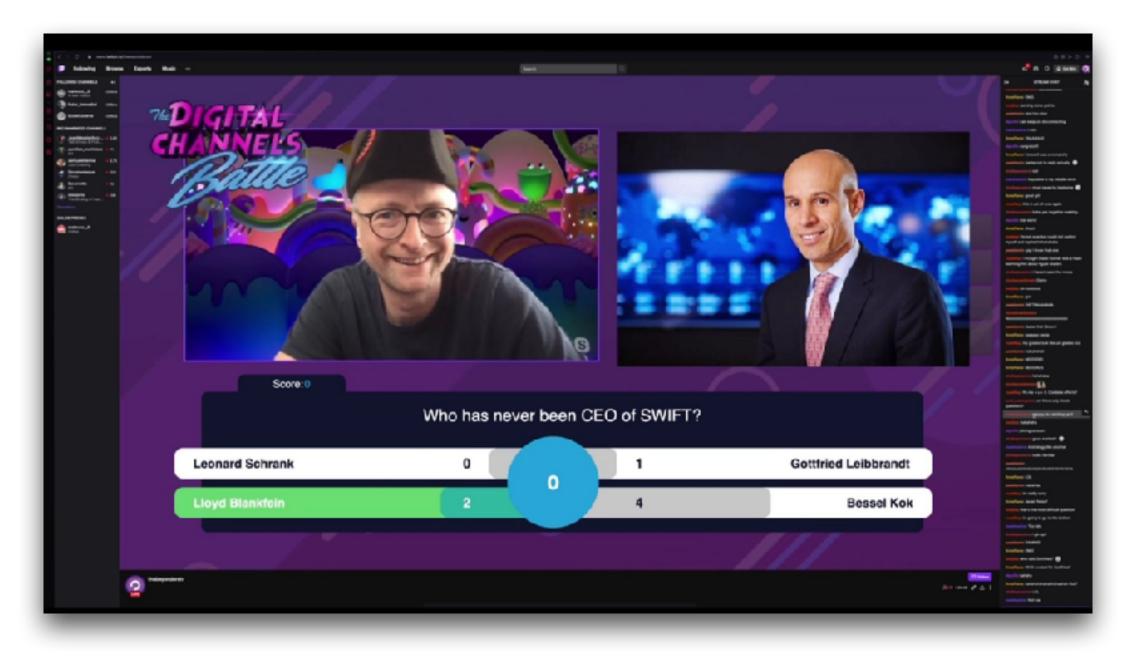
Highlight

SWIFT Engaging Remote Teams During Lockdown

Technology Creative

Connecting remote teams in pandemics times

During pandemic, I helped SWIFT to create an online event where a quiz was organised with an interactive quiz, full TV broadcast set up, built.



Technology creative

Highlight

STIB Marketing Objects That People Actually Want

Technology creative

Marketing Objects People Actually Want

Limited edition series exclusively produced for STIB (500 copies each)







Raphael Thys' portfolio

Portfolio Management and operations

Management and Operations 360° vision on organisations, teams and projects management

Entrepreneurship wasn't something I was taught as a possibility in the early stages of my life. However, over time, I gained a deep understanding of what it takes to make a significant impact and turn a vision into reality. I learned that achieving success requires the energy and insights to steer projects and teams effectively.

I have had the opportunity to co-create several entrepreneurial ventures, where I honed my skills in steering operations, managing crises, making critical decisions, and gaining a comprehensive perspective on how projects and teams can either fulfil or derail a vision.

These experiences have been invaluable in developing a holistic understanding of project and team dynamics.

Co-founder @TheBeyonders.agency

Co-founder @Bricks.ninja

Co-founder @Atypicals.studio

Steering Committee @Lasne 2030

In addition to my entrepreneurial efforts, I serve on the city board of my town for climate adaptation and ecological transition. This role has exposed me to complex realities and multidimensional constraints, requiring a nuanced approach to problem-solving. I have learned to navigate the intricate interplay of environmental, social, and economic factors to drive sustainable and impactful initiatives.

My experience has equipped me with a 360° vision on organisations, teams, and project management. I understand the importance of aligning team efforts with organisational goals, fostering a collaborative environment, and maintaining a strategic focus to achieve long-term success.

My holistic approach ensures that all aspects of a project are considered, from initial planning to execution and evaluation, enabling me to deliver results that align with the broader vision and objectives of the organisation.

Raphael Thys' portfolio

What I know, what I believe in (K.I.F.S.)

Kindness

The ultimate force to unleash people potential.

Impact

What gives a sense of fulfilment, to achieve bigger than us results that make us pride and gives us the desire to go beyond continuously.

Fun

The most to achieve excellence.

Simplicity

An art, acquired with experience.