



Panel 4 – Mr. Jens Petter Sollie - Norway

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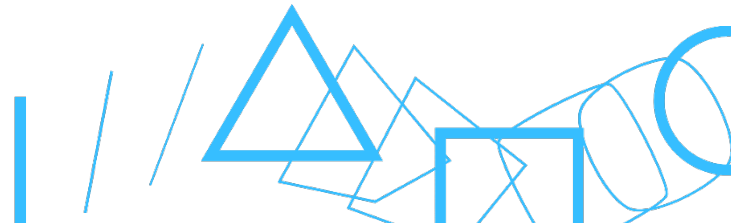
Panel 4 - Strategies

You really do not need to be a tech lead!
Share, care and collaborate



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110 years
1911–2021





NIPO in brief

Employees

250

Applications 2021

Trademarks 18000
 Designs 1300
 Patents 1600



Target groups

Industry,
 SMEs & StartUps.
 70% foreign
 applicants



Oslo-based

Ministry of Trade,
 Industry and fisheries



Employees

24

ex consultants

Services

Governance, infrastructure
 and functionality.
 (Security, network,
 website, tech. support,
 devops.)



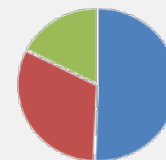
Target groups

All employees,
 especially examiners
External – applicants,
 suppliers, vendors,
 partners



Budget

Approx. €5M pa
 + national digitalization
 cofunding €0,4M pa
Strategy – Digital24



IT

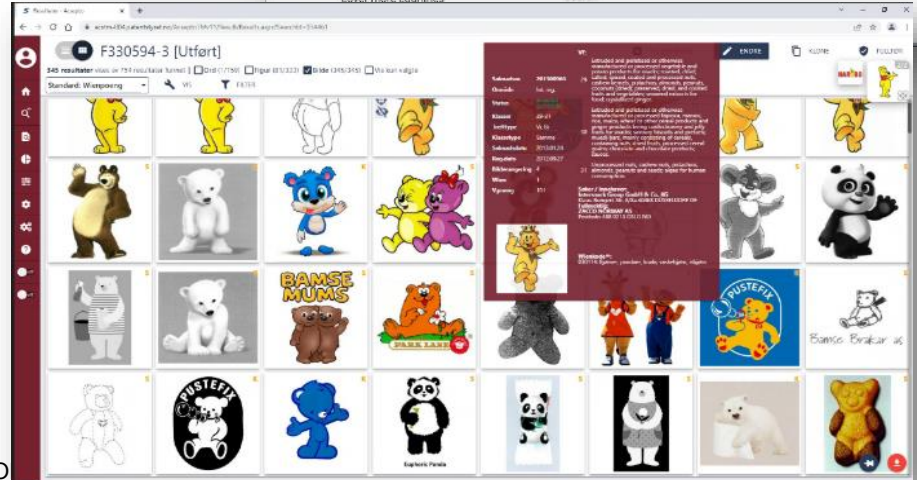
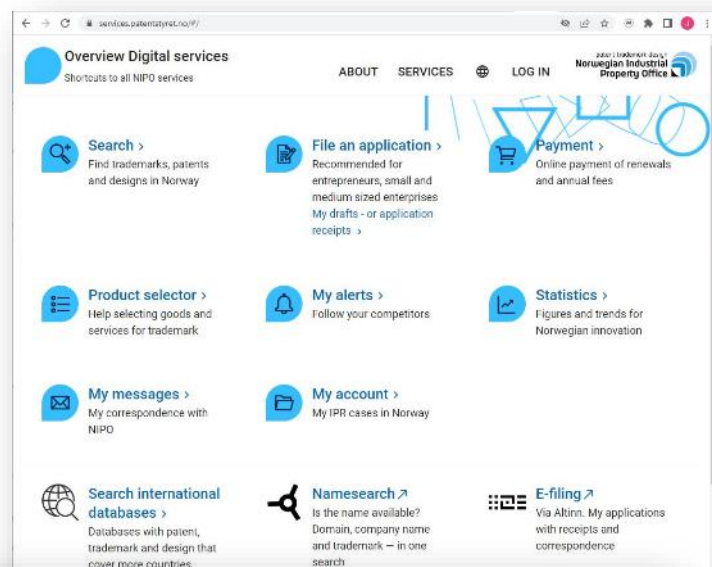
Current AI and frontier tech

Front office & customer services:

- Utilization of “free” big data tech (Elastic Search, etc)

Back office

- Costly patent search access
- Image search & coding assistant (by Accepto)





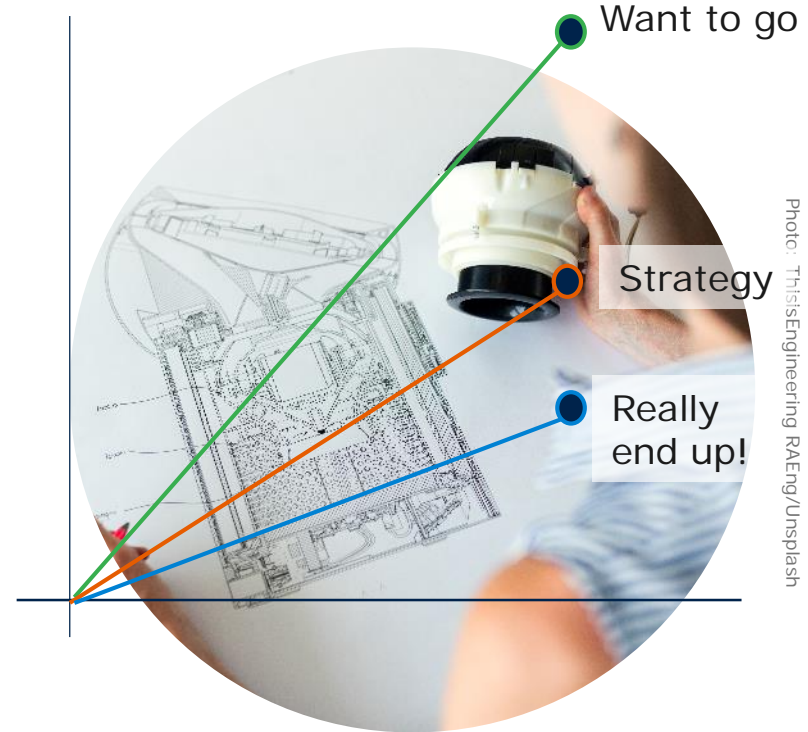
What we miss ... and won't get

The best front office & customer services!

The best automation and integrations

Capacity to create all what we can imagine in the Cloud

But we're simply too small!

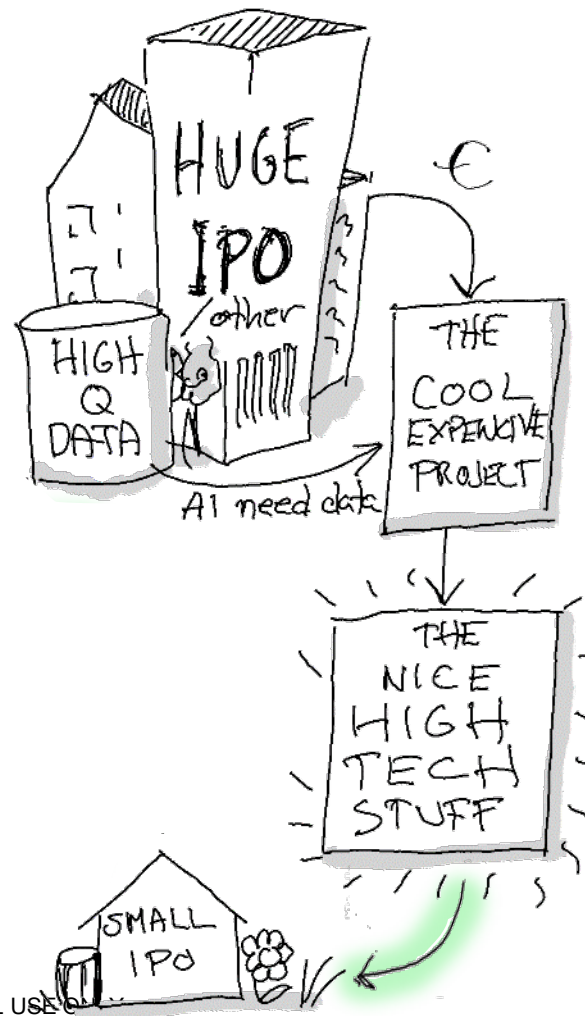




How?

Be ready to share!

Become a preferred collaborator



..just a drawing I made, planning this presentation

Be ready to share

Artificial intelligence needs tons of quality data

Also your data!

- Not only the register with images!
- Not only the bulletin/gazette volume!
- Not only the publications,

but even

processing data!

- Findings by officer,
- Search reports, etc.



NIPOO main strategy = quality open data!

Create a cross domain 'Legal status standard' register, holding

- All events possible
- Including all published events with specific data = digital gazette
- Including "full" register extract per event

Preparing to add internal processing data

- Like internal evaluation or search reports
- Results of selections from all examinations

And modern API's:

- Returning "current", "selected" or "all" records!
- Update from date
- Bulk possibility

Current NIPOO gazette:
Looks to be structured, but
has unstructured
data unfit for
a machine!



WIPO standards for optimal structure: ST.96, ST90, ST.27, ST.61, ST.87

Conclusions

AI needs quality data to improve !

We possess that data – regardless of size!

The owners should take care of quality = quality at source!

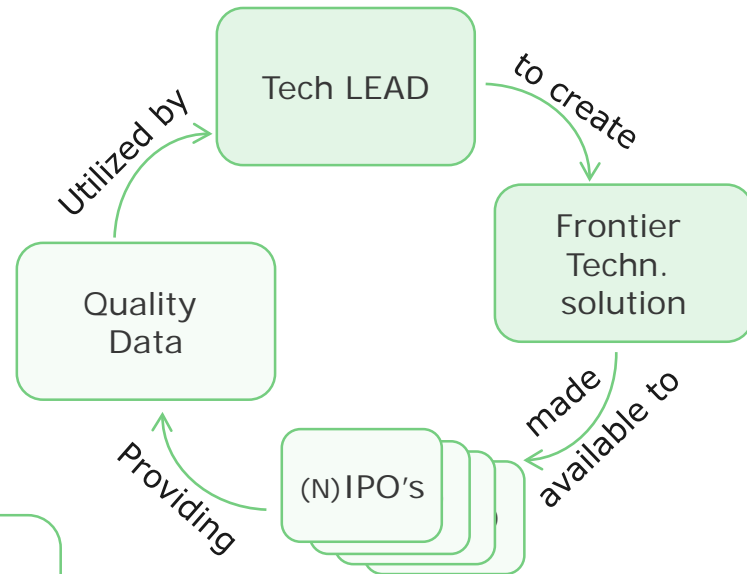
We should all prepare to be quality providers!

That is a valuable way to collaborate

The tech lead knows !

- They have structured their data for years
- They have collected our data for years

But that quality is not good enough!



My message to small IPOs:

Quality data comes from the source: the individual IPO's.

We should focus on purifying what we already possess:

Start with our own data

Start preparing to be good partners