uncovering the value of existing real estate assets

ARCTIC INNOVATION WEEK

LUP

Daniel Tabacaru - AIC, Founder

www.againx.ai

VIKEN FYLKESKOMMUNE

BERGEN KOMMUNE

Asker kommune

BÆRUM KOMMUNE

ansatt eller konsulent for de over nevnte langs tiden

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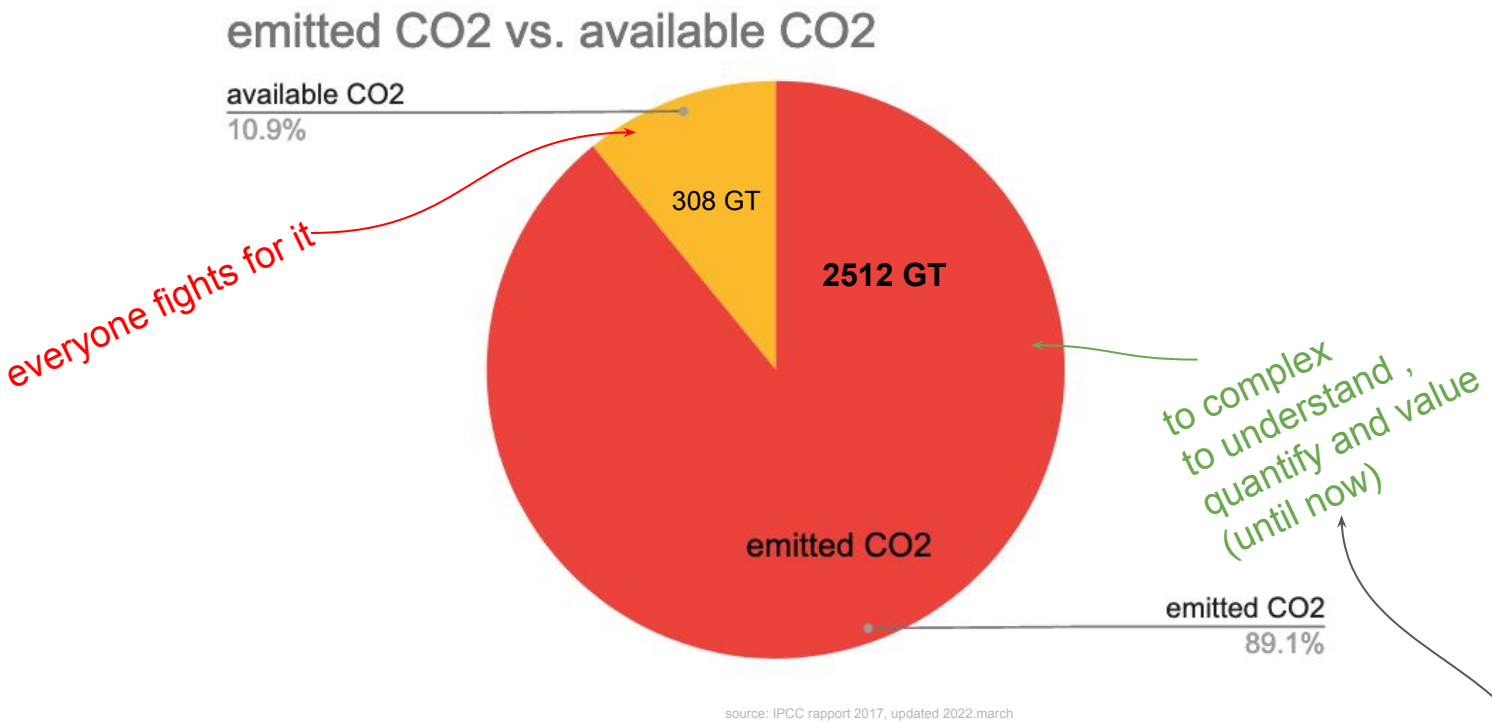
Det “usynlige problem”

Det CO2 budsjett



Den “håndterbart problem”

Den “håndterbart problem”

BIM manager, 2017-2019

Kommunegården, Bærum
30000 kvm

1992

2020

2023

risk
kostnad
tid

The problem

Kommunegården, Bærum
30000 kvm

2020

Avfall fra byggeaktivitet

Oppdatert: 9. desember 2021

Neste oppdatering: Foreløpig ikke fastsatt

Avfall fra byggeaktivitet
2020
2 135 747 tonn

Genererte mengder avfall fra nybygging, rehabilitering og riving. Tonn. Hovedgrupper.

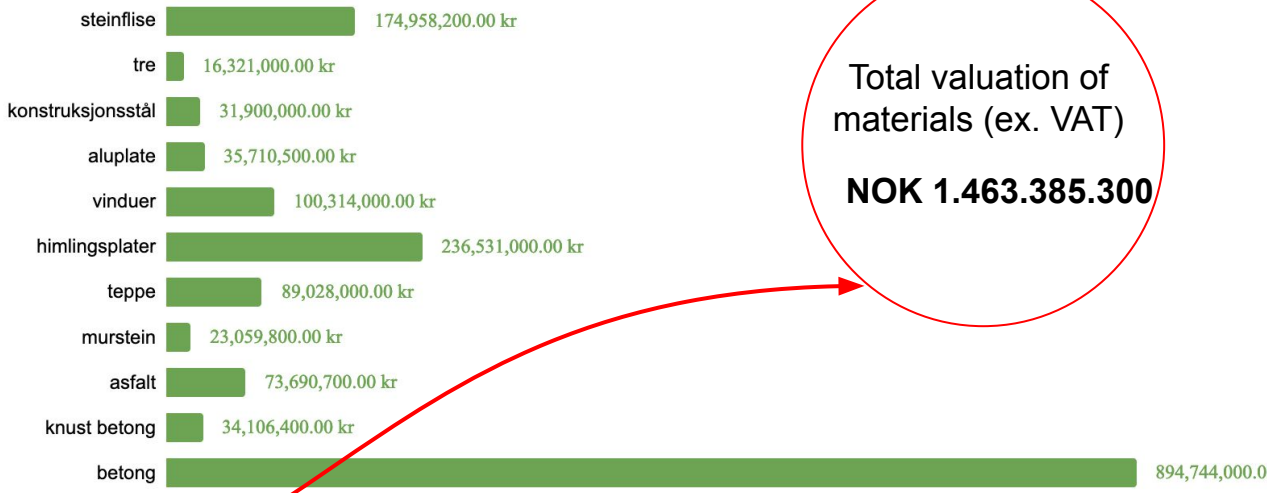
	Tonn	Andel	Endring i prosent 2019 - 2020
2020			
Byggeaktivitet i alt	**2 135 747**	**100,0**	**9,6**
Nybygging	646 742	30,3	-1,7
Rehabilitering	510 806	23,9	3,3
Riving	978 200	45,8	22,9

Rettet 31. mars 2021.

Material content valuation

MUSTAD EIENDOM

LILLEAKER BYEN



Total valuation of materials (ex. VAT)

NOK 1.463.385.300

Data provided by Mustad Eiendom, Lendager Group

estimated demolition costs

NOK 200.000.000

The following slides show, in a simplified form, the relation between **data** and **risk** assessment, and why Again X mission to uncover the data has important impacts both in investment and long term maintenance phase, by providing early data KPIs

10% data

90% risk

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20% data

80% risk

AGAIN X

40% data

60% risk

AGAIN X

50% data

50% risk

AGAIN X

60% data

40% risk

AGAIN X

80% data

20% risk

AGAIN X

20% data

80% risk

AGAIN X

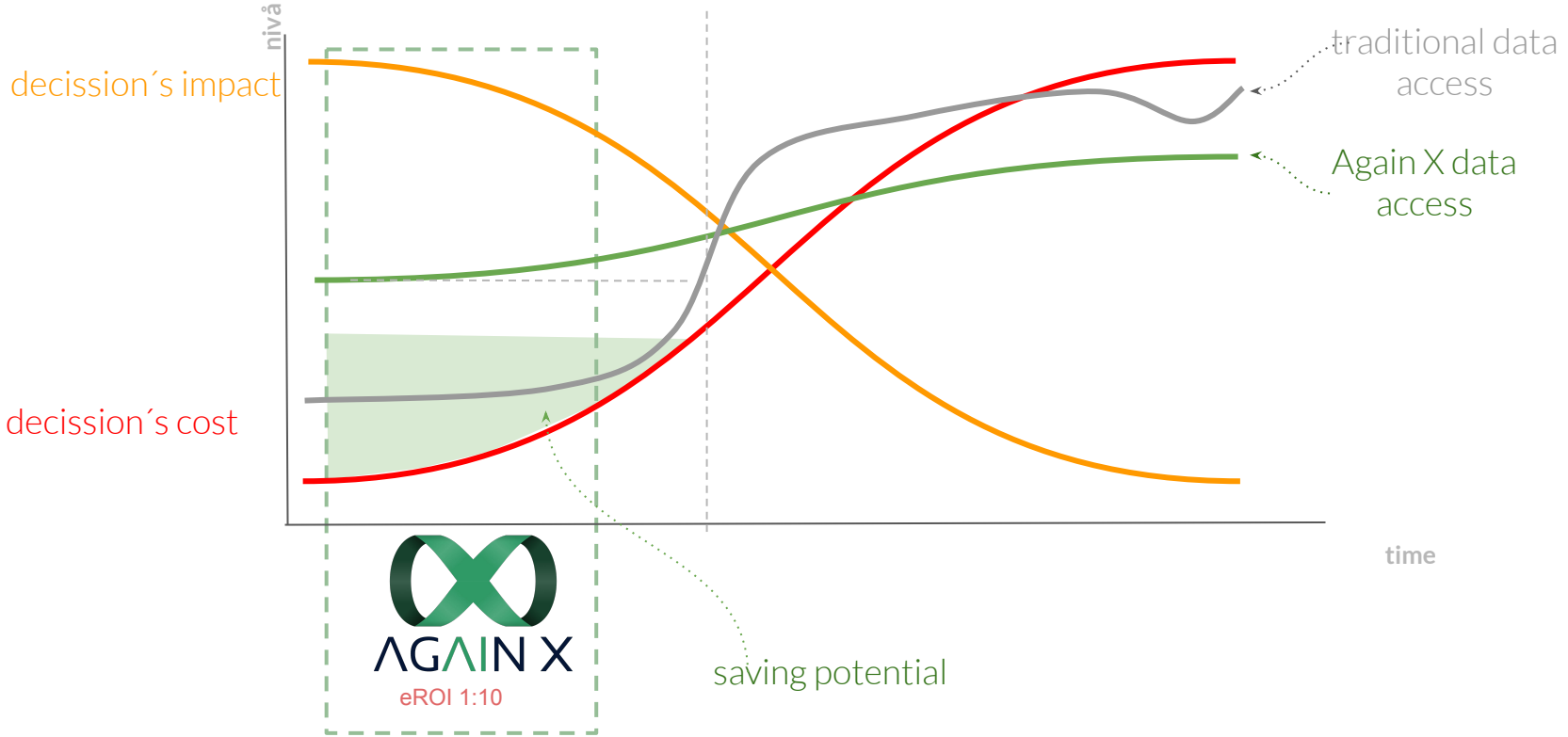
60% data

40% risk

AGAIN X

AGAIN X

Early stage decisions data support



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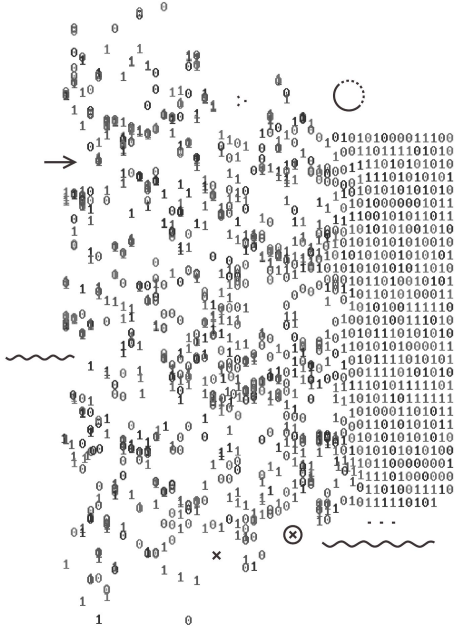
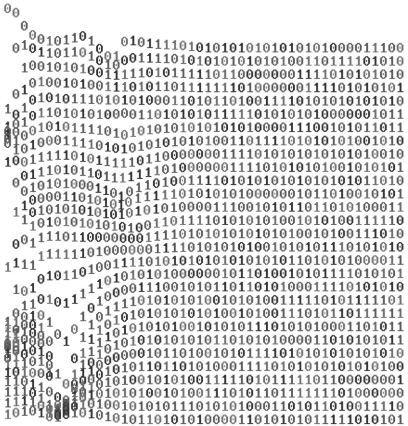
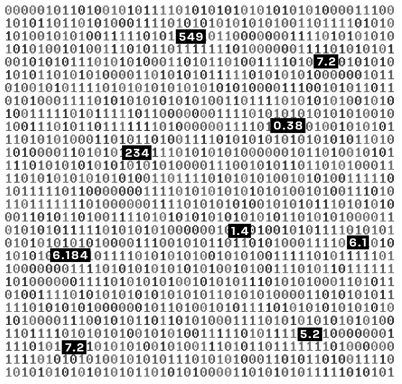
The Solution



Existing
data
sources



structure
&
classify



aggregate

AI with human
understanding and experience

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Dashboard and results

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The Team

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Daniel Tabacaru

CEO / founder
Architect BIM / Engineer (ue)
circular economy expert

Eirik Rudi Wærner

Expert materials / toxicology
shareholder
Multiconsult, leder NHP4, RIF

Edvard Clausen

Sales VP
shareholder
Atea, Tryg, Danica, Xerox

Gry Miriam Olser

Director of the Board
Bybanen, Keolis,, Reso

Margrethe Snekkerbakken

Board member
Forrige bærekraftig sjef for Avinor
Bergfald miljørådgivere

Behind the scene (wizards)

Petros Choidis, Cand Phd	Materials modelling wizard
Akriti Sharma, Phd	AI, visual analysis, CNN
OceanoBe, Romania	Architect/DB/BE
Alexander Andries	DevOps
Knut Høie	Backend developer
Jørgen Hernæs Grødem	visual development
Ugo Dimini	DB / French market
Omer Greenberg	CRM / SoMe /BI

projects

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HKP HALDEN KOMMUNALE PENSJONSKASSE

Research partners

IFE SINTEF KTH VETENSKAP OCH KONST TU/e

Funding partners

890 000 USD

Innovasjon Norge

REGIONALE FORSKNINGSFOND

Funding partners

horizon europe

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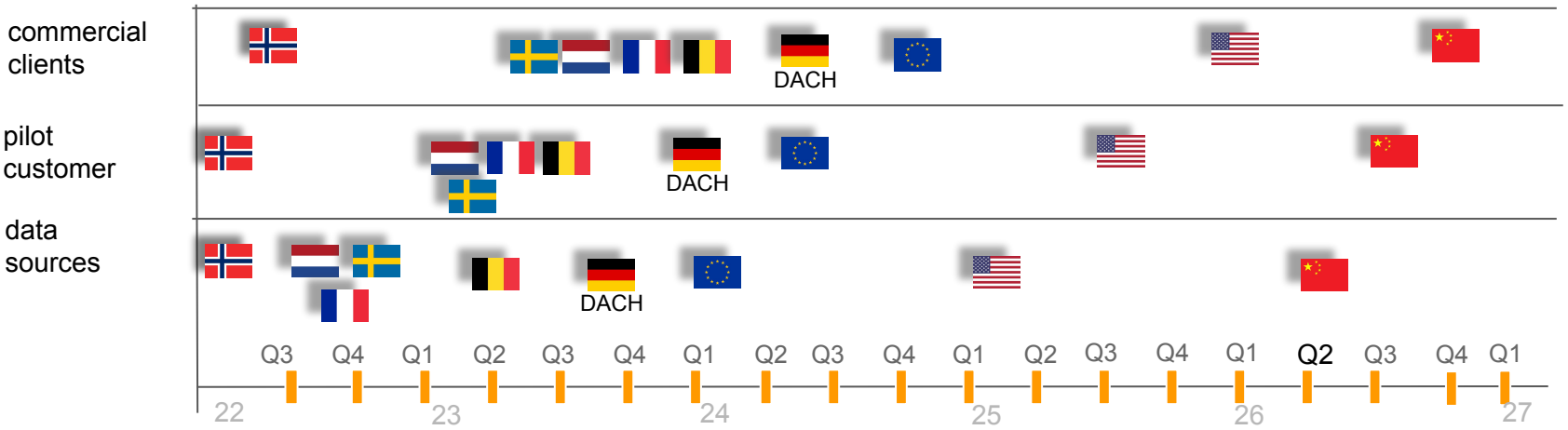
markedsutvikling data - pilotkunde - kommersiell produkt



Pilot projects

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ENOVA

MUSTAD EIENDOM

ENOVA

HKP HALDEN KOMMUNALE PENSJONSKASSE

2 samarbeidsprosjekter:

1. forskningsprosjekt hvor vi trenger en partner med variert bygningsmasse

   - 50% av kostnadene dekket
   - mulig oppstart fra Mandag 24 oktober, ferdigstillelse januar 2023

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2. mulighetsstudie for ombruk

   Enova dekker opp til 50% av prosjektkostnadene

ENOVA

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Daniel Tabacaru

CEO / Founder

daniel@againx.ai

LinkedIn

Uncovering the value in your real estate assets.

www.againx.ai

Market feedback

“we understand our income streams but maintenance costs are a big unknown”

Fredensborg investment team

“Daniel, if you solve the early KPI´s and what type of data we need in the early stage in refurbishing projects, then you have work for the next 30 years

VDC director, Sweco

“we would love to have you do for refurbishments what Spacemaker is doing for greenfield projects. Give us early, corroborated data and we pay for it”

Jakob Krupka, Møller Eiendom

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Developing work AI/ ML

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-report financed by Forskningsrådet
delivered des.15.2020

SINTEF