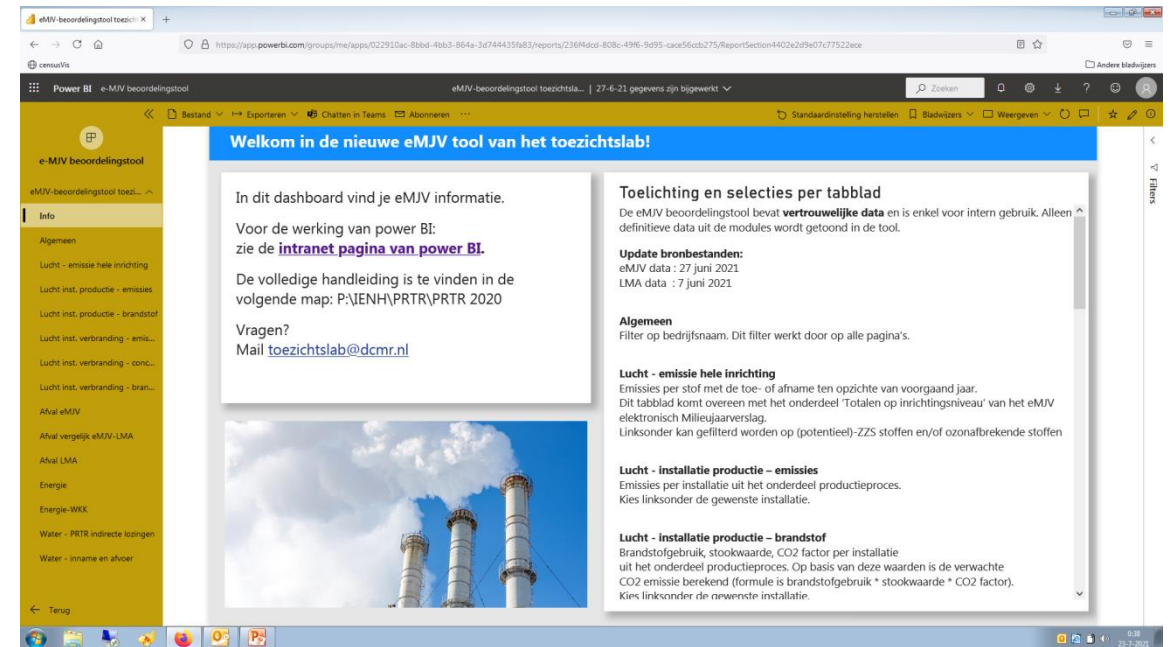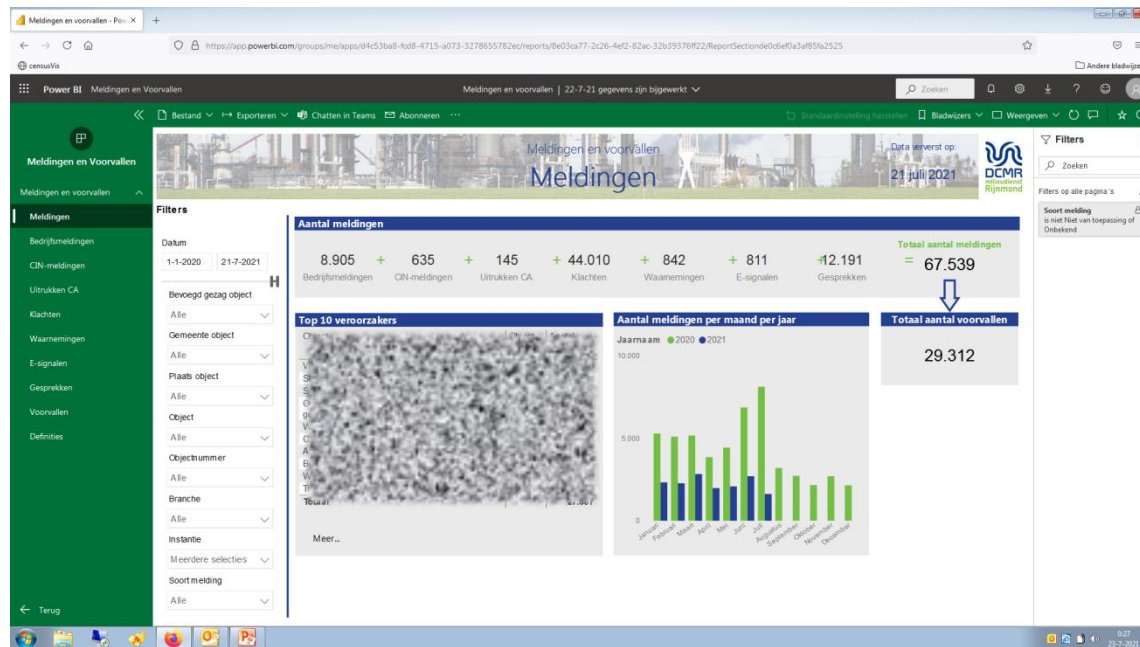# WHO AM I?

DCMR milieudienst Rijnmond
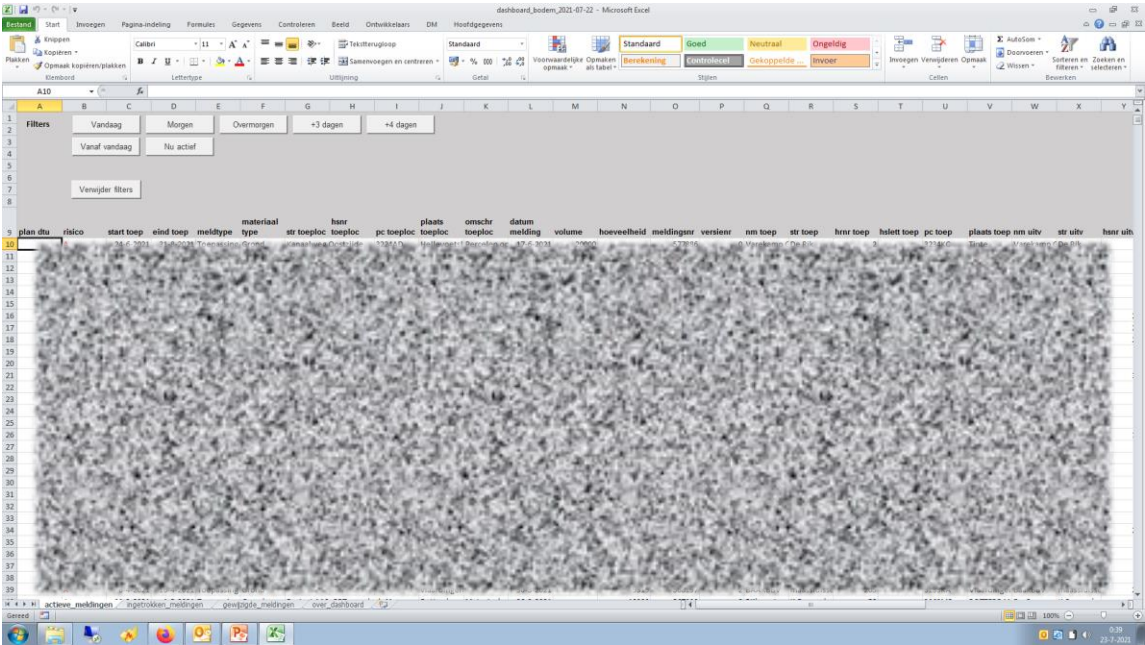
NAME

PIETER VREEBURG

SENIOR DATA SCIENTIST DCMR INSPECTION LAB

- Social history & Data and Business Analytics at Erasmus University Rotterdam
- Policy Researcher, Information Manager, BI Analyst, IT consultant, Data Scientist
- Married, 3 daughters
- Berkel en Rodenrijs (DCMR keeps me safe too :-)

EXAMPLES

EXAMPLES, CONT.

Toezichtslab

WEGWIJZER GEDRAGSVERANDERING INZETTEN BIJ TOEZICHT
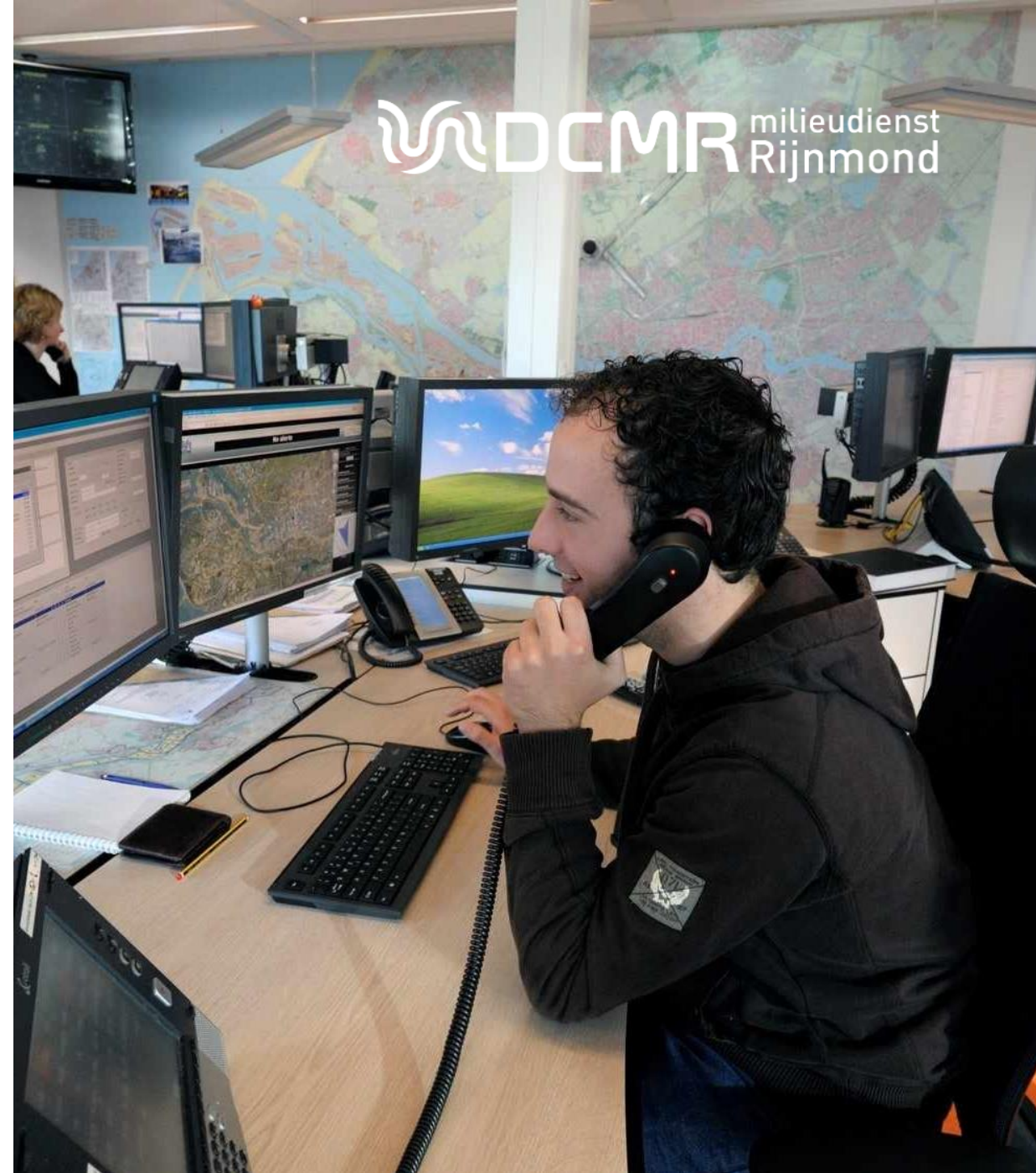
Versie: mei 2020

30K POSSIBLE SITES...

.... AND 120 INSPECTORS

- Gain understanding of our internal processes (ex. 1)
- Lots of information to process in a very limited amount of time (ex. 2)
- Focus on high-risk activities (ex. 3)
- Implement acadamic insights in the field (ex. 4)

MAKING THE BEST OF IT ....

- Transition to a data-driven organisation

DATA-DRIVEN ORGANISATION (WIP)

Organise

Regulate
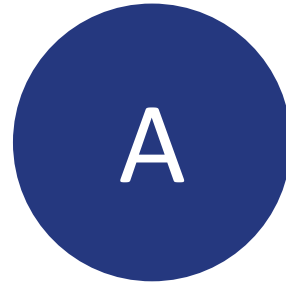
Prioritise

Create value

D

A

P

T

Data-board

The Data-board facilitates the transition to a data-driven organisation. They focus on data-quality issues, innovation and value creation

Architecture-board

The Architecture-boards facilitates compliance with the enterprise architecture and advises the other boards.

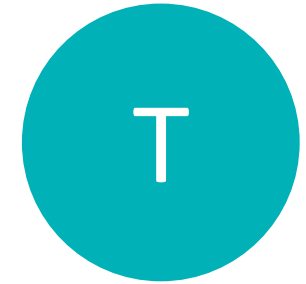## Portfolio-board

The Portfolio-board prioritises projects with large resource requirements (esp. IT resources)

Data-teams

The Data-teams are the workshops of the data-driven organisation. They prioritise the projects with low resource requirements themselves in a Scaled Agile Framework Environment (with input from the Data-board)
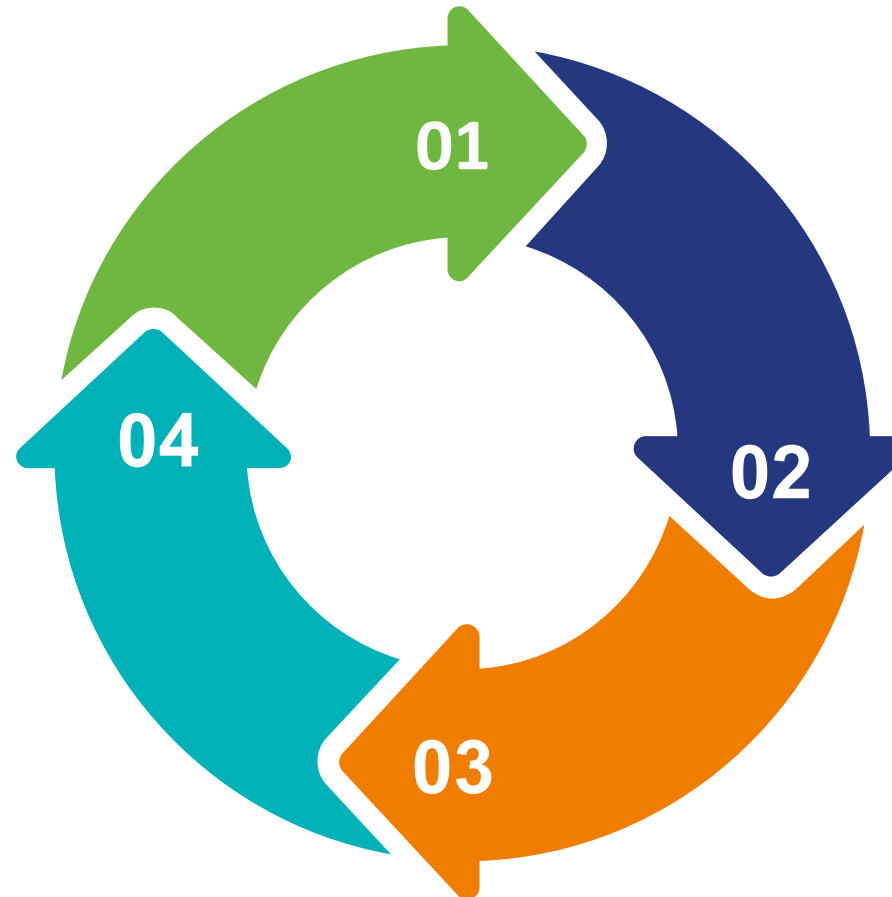
THE WAY WE WORK

Design

- Together with stakeholders
- Less = More
- Validate design before building

Adapt

- During the project
- After the project
- Plan for the next round

01
02
03
04

Build

- Ingest & transform
- Model
- Communicate

Inspect

- Very regularly during the project
- Show stakeholders a working product
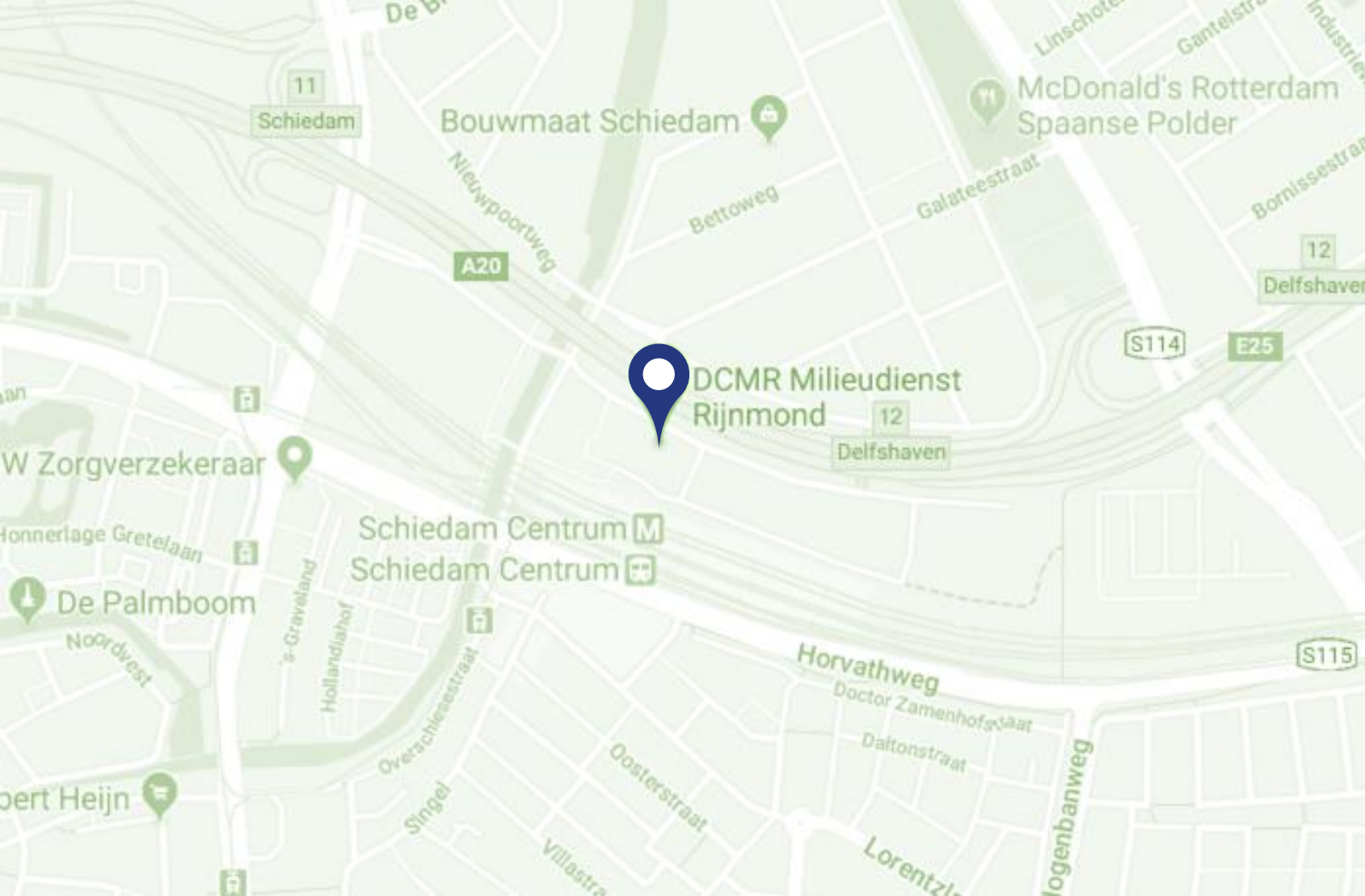
6

OUR INFRASTRUCTURE

Data sources

Analysis workbench

Communication

Analytical & Domain-expertise

LET'S CONNECT

- https://www.linkedin.com/in/pietervreeburg

- pieter.vreeburg@dcmr.nl