ProRail

Intelligent Rail Summit
22 | 23 | 24 November, Naples | Italy

RailData

High-quality asset data at your fingertips

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ProRail

Our Ambition

Safe rail

Zero avoidable accidents

Reliable rail

Zero avoidable disruptions - 30%

Punctual rail

Further increase in punctuality

Sustainable rail

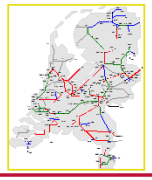
- Less energy consumption
- Highest rung on the CO_2 performance ladder

Reliable RailData, the key for realising our ambitions

SpoorData

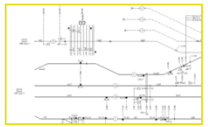
CONFIGURATION DATA

Where is it



GEOGRAPHICAL DATA

Which function does it perform



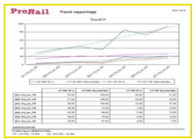
FUNCTIONAL DATA

What is it

PHYSICAL DATA

STEERING DATA

What is the planned and realised maintenance



MAINTENANCE DATA

What is its condition

CONDITIONAL DATA

How does it perform

PERFORMANCE DATA

The problems we face

SpoorData

CONFIGURATION DATA

Where is it

Own dataproces

Which function does it perform

≠

Own dataproces

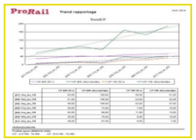
What is it

≠

Own dataproces

STEERING DATA

What is the planned and realised maintenance



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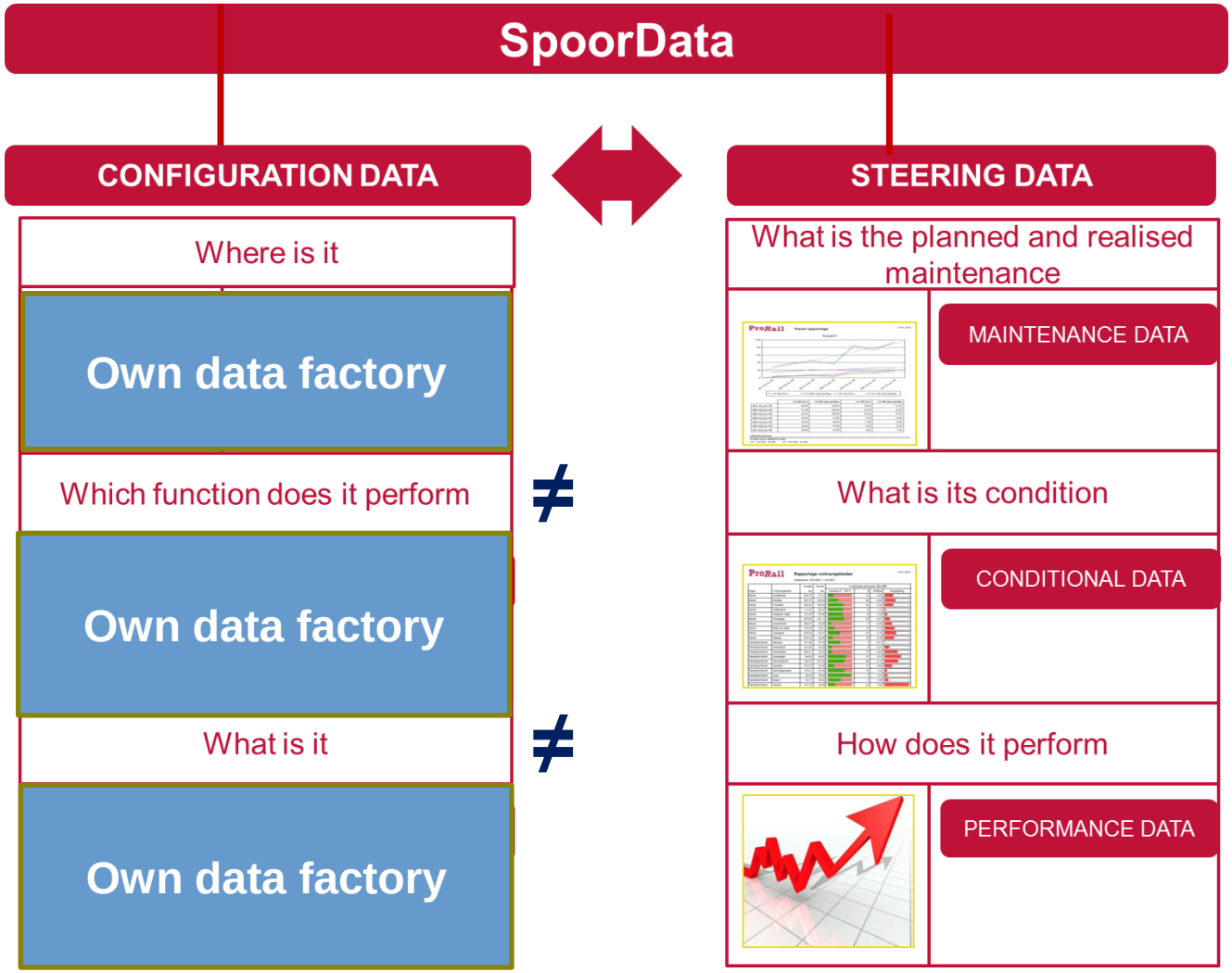
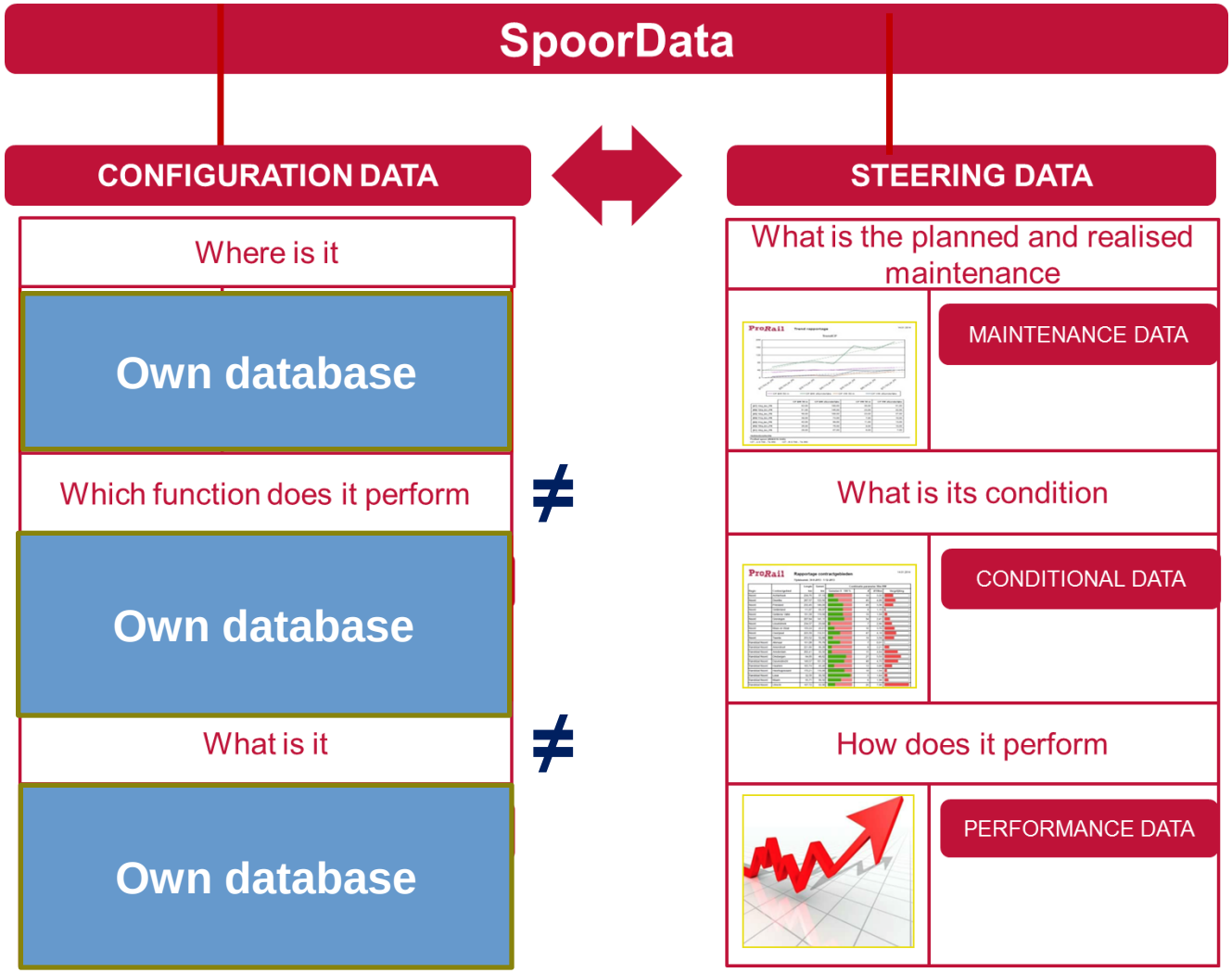
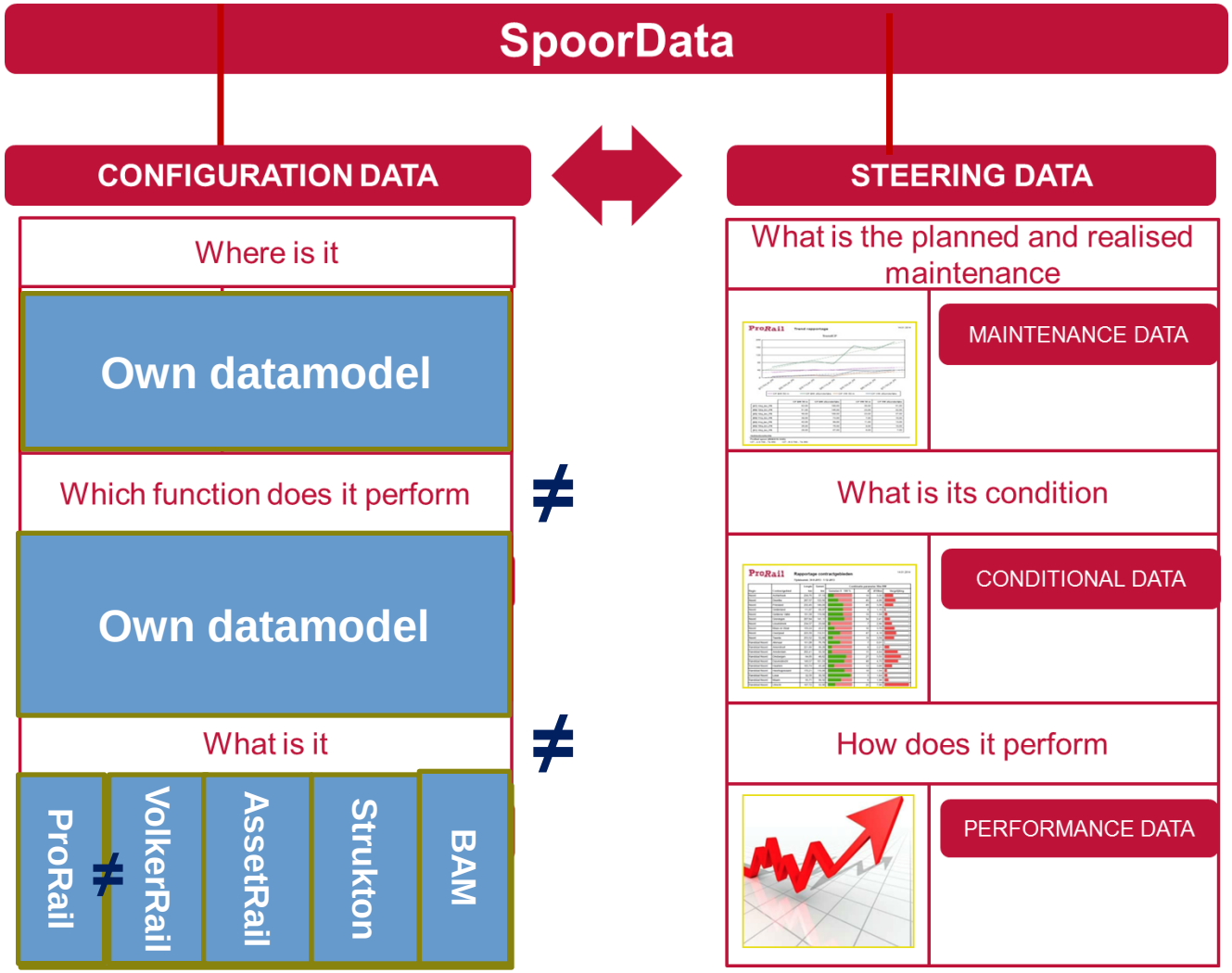
The problems we face



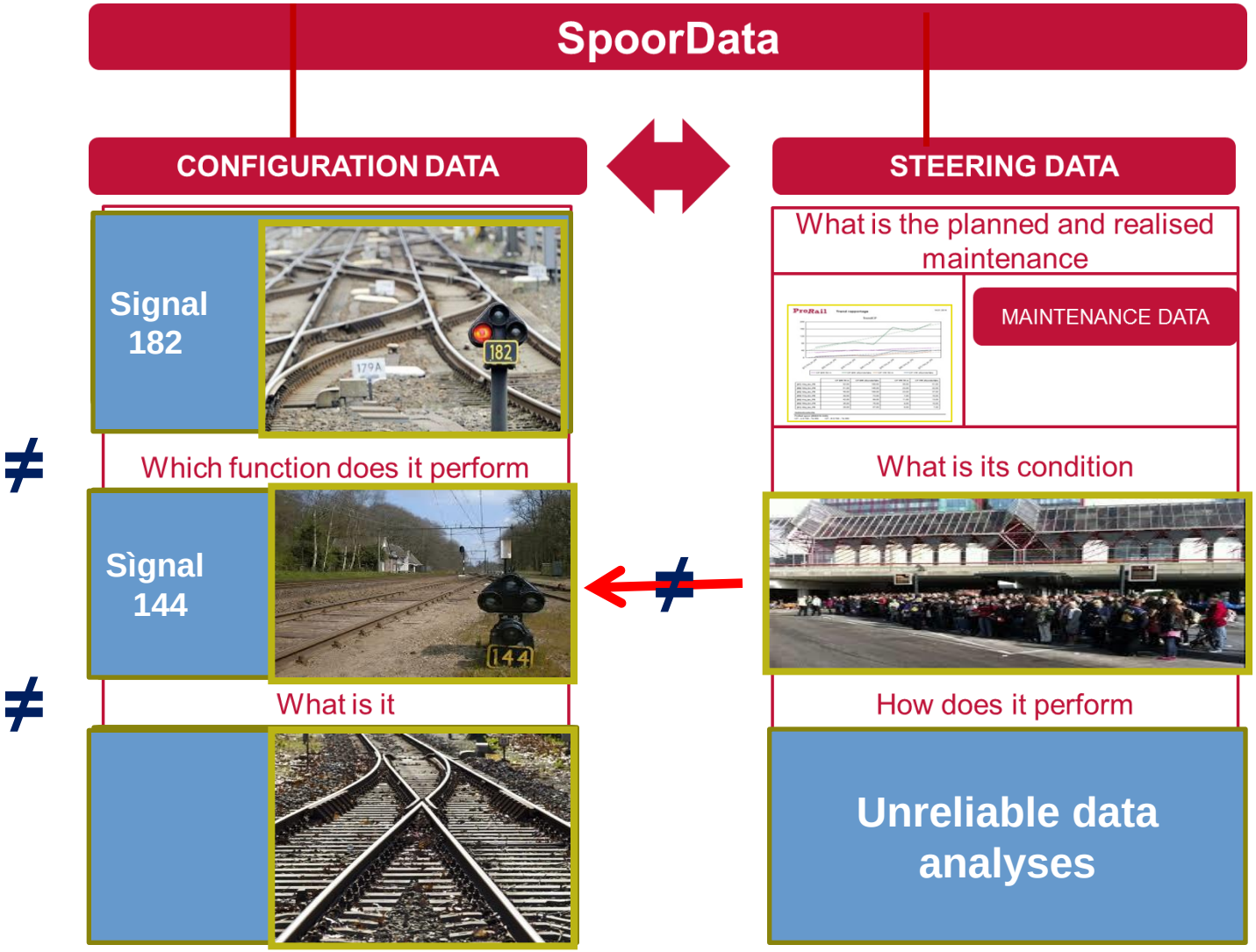
The problems we face



The problems we face



The problems we face

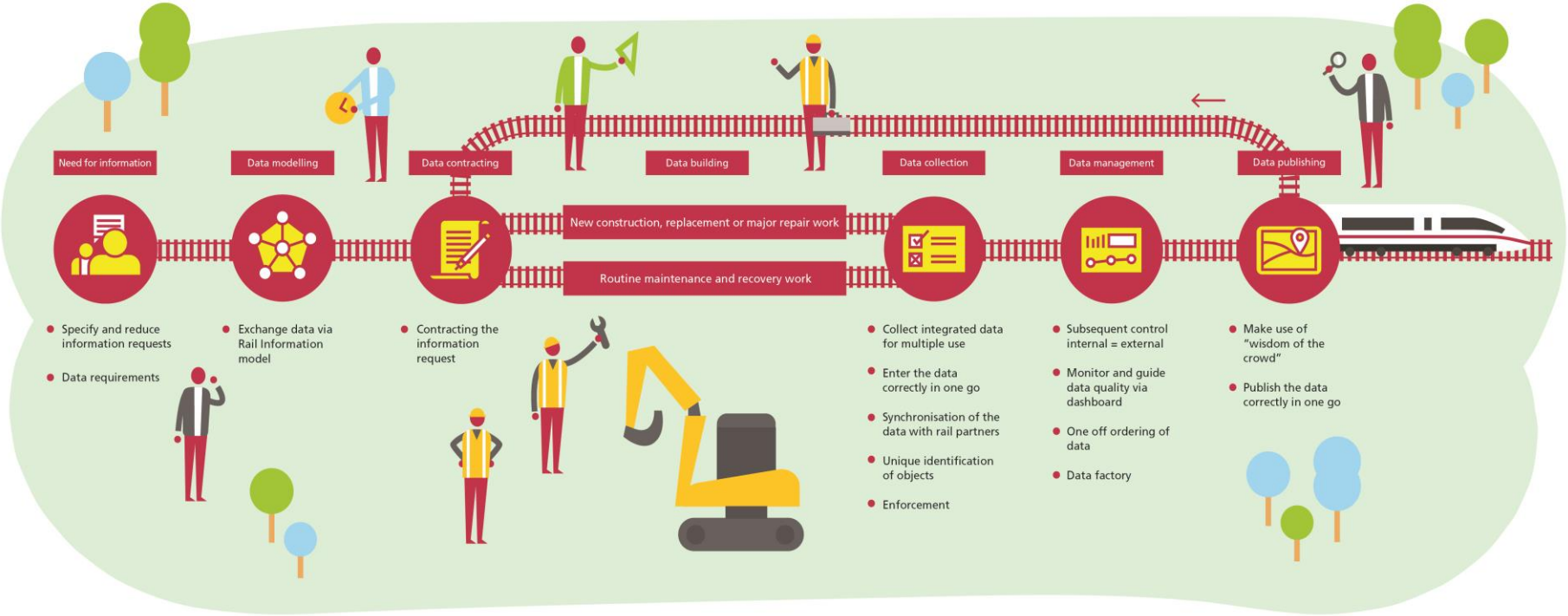


The ambition of RailData

Being the best information broker in the European railsector

Reliable data about our infrastructure, easily available for all rail parties, is an established fact

How to keep your data structurally reliable?



Project or maintenance activities finished? Information available!

5

Cristal clear and lean information specifications

50

Configuration data
Elektrisch circuit defect
LED wit defect
Lens beklad
Lamp defect
Grondkabel breuk
Inspectierapport sein electronica
Meetstaten isolatiemeting
Meetrapport brandspanning
ISV, OHD en ACP
Inspectierapport doorslagveiligheid
Uitvoeren meting doorslagv. (NEN3140)
Vernieuwen lamp (correctief)
Vernieuwen lamphuis MSG (preventief)
MSG driver vervangen (correctief)
Vernieuwen alle LED-units
Herstellen defecte kabel
Vernieuwen lamphuis
Vernieuwen DSV (bij defect)
Economisch vervangingsjaar
Equipment
Plaatsingsdatum
Projectdefinitie
Sorteerveld
Startpunt
Straat
Technisch vervangingsjaar
Theoretisch vervangingsjaar
XY coördinaat – Begin - Eind
Z coördinaat – Begin - Eind
Seinnummer 603
Soort sein
GEO (Geocode)
Locatie functioneel

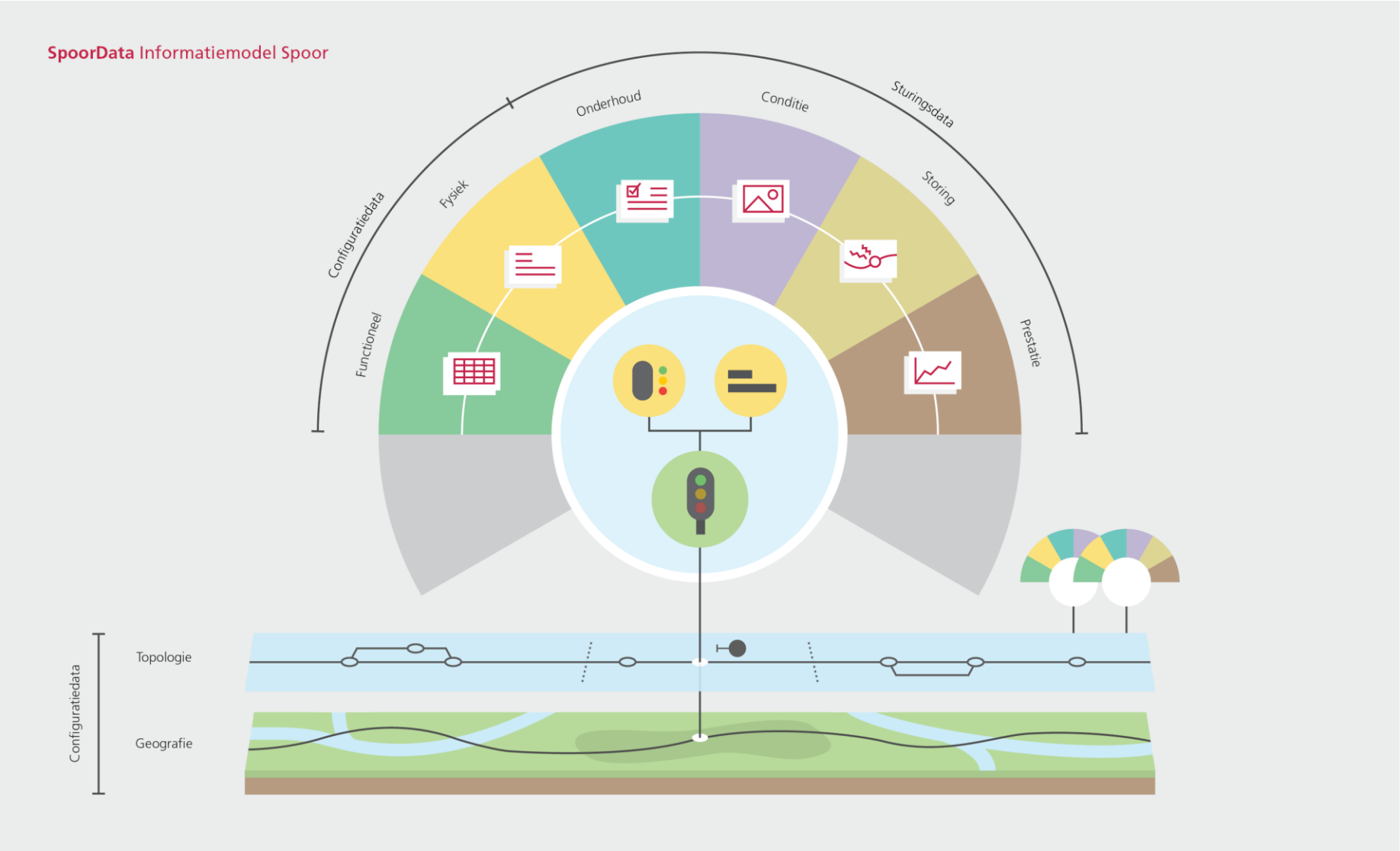
SIGNAL

1

DATA COLLECTION DURING LIFE CYCLE

4

One Information Model for the entire sector



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Digital verification OUTSIDE = INSIDE

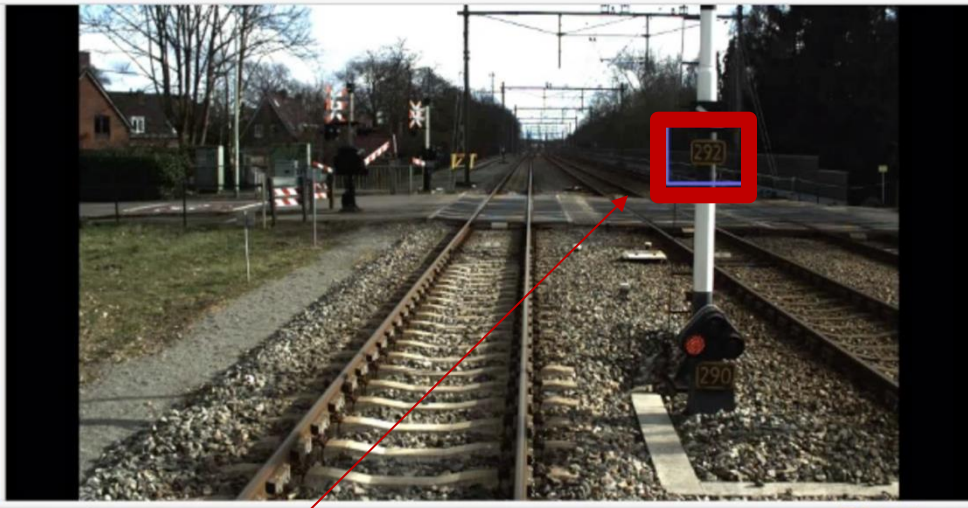
Confrontatiecase

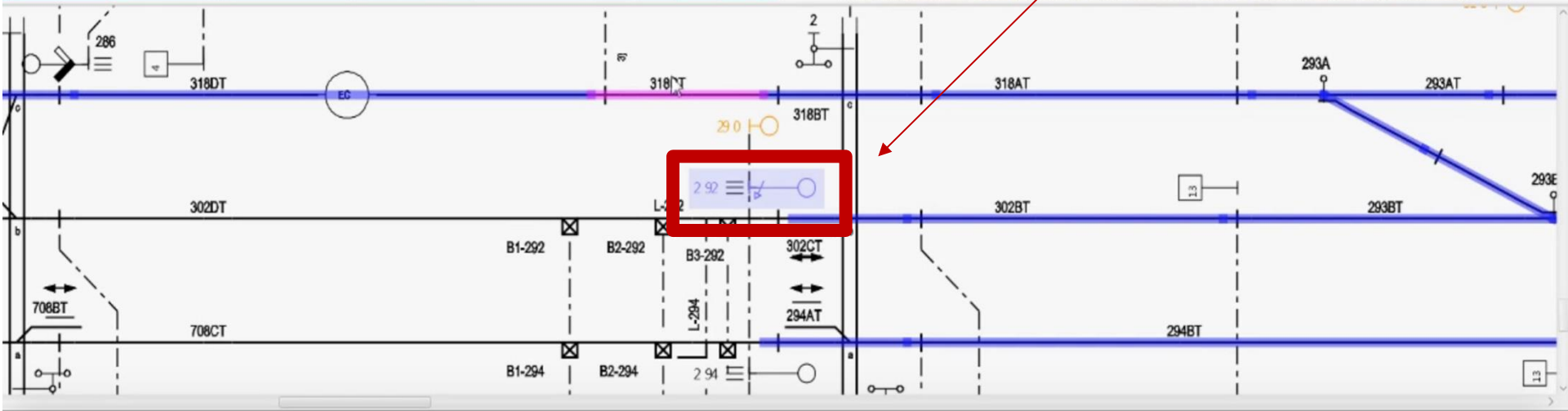
Gebruiker: too20609

ieuwe-Schans_2016-03-28_9 → 000200393 AL Groningen * - Onnen 3 Onnen Noord

Filters

Document		Beeld			Match			
Type	Opschrift	Type	Opschrift	Frame	score	<>	^v	Δ
SH		HSH	?	167513	H	2	111	111
SH	292	Seinnummerbo	292	144558	H	1	59	59
3			13	152614	H	??	??	16
SL	290	Seinnummerbor	?	150626	4	??	??	9
SL	316	Seinnummerbor	316	165142	8	1	7	7
SH	284	Seinnummerbor	284	167809	H	1	3	4
3	13	SB	13	155667	10	1	1	2
SL	342							
SB	8							
	296							

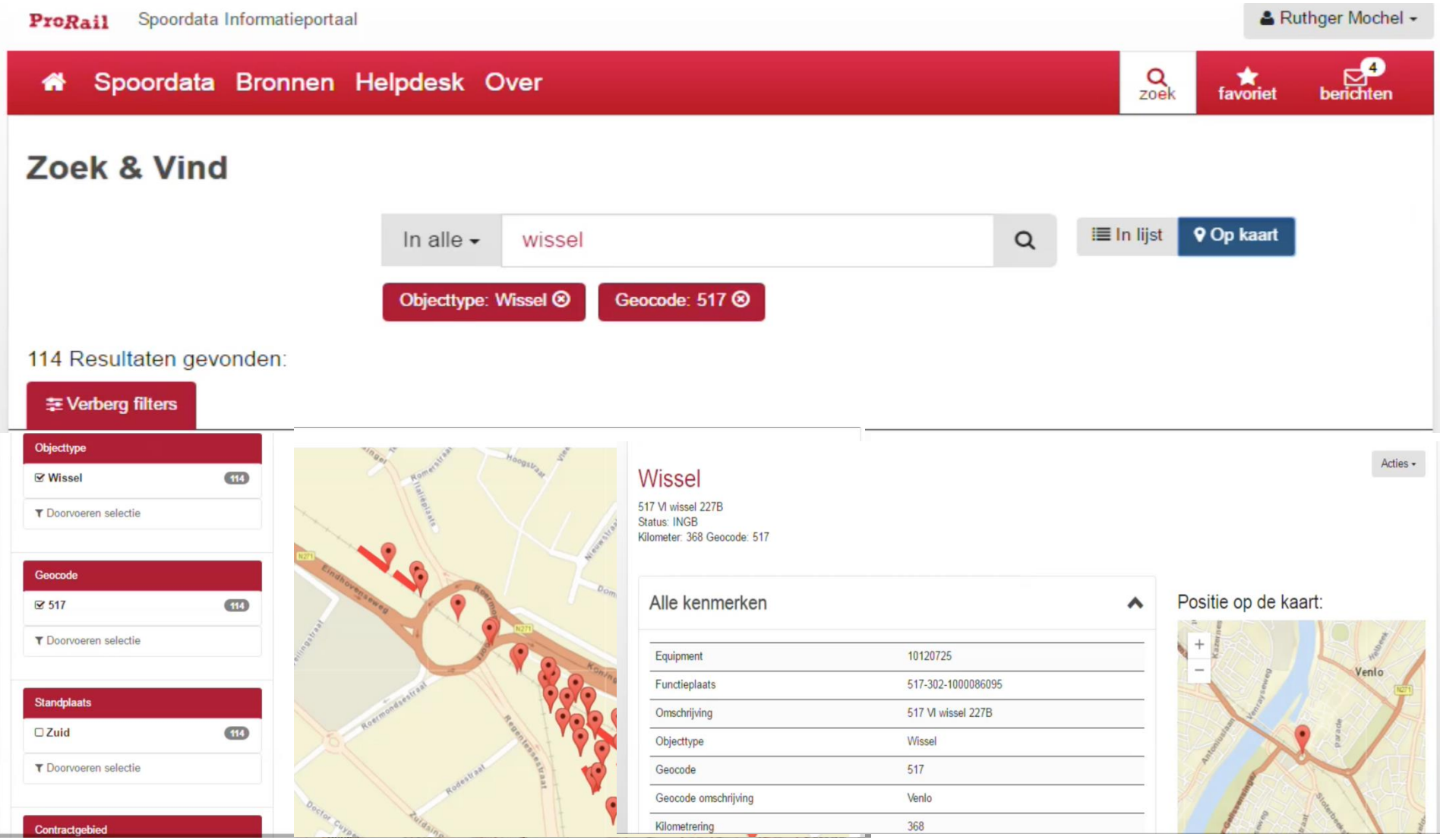




2

ProRail

Use the Wisdom of the Crowd



1

ProRail

Together, with our partners

Test Mode

RVO 80805279

STAP - AAN Monteur 10

Storing detail

Datum/tijd paging:
6-1-2016 09:59:15

Gemeld equipment:
10771412 - 112 Dt wl 51B 70.310

Functieplaats incl omschrijving:
112-302-1000117420 - Wissel

Faalvorm:
W929 - Wissel loopt niet om

Prioriteit:
2

Afgesproken begin en afgesproken einde:

WBI nummer:

Feiten:
Wissel gestoord

Historie gemeld object

Acties

Prognose ploeg ter plaatse ✓
6-1-2016 10:15:00

Ploeg ter plaatse (T1)

Verwachte Functieherstel (T2 en T6)

Bevestiging verwachte Functieherstel

Foto voor

Functie hersteld (T3)

Foto na

You are welcome to learn from us

We would like to learn from you