



SAP Plant Maintenance with SAP Analytics

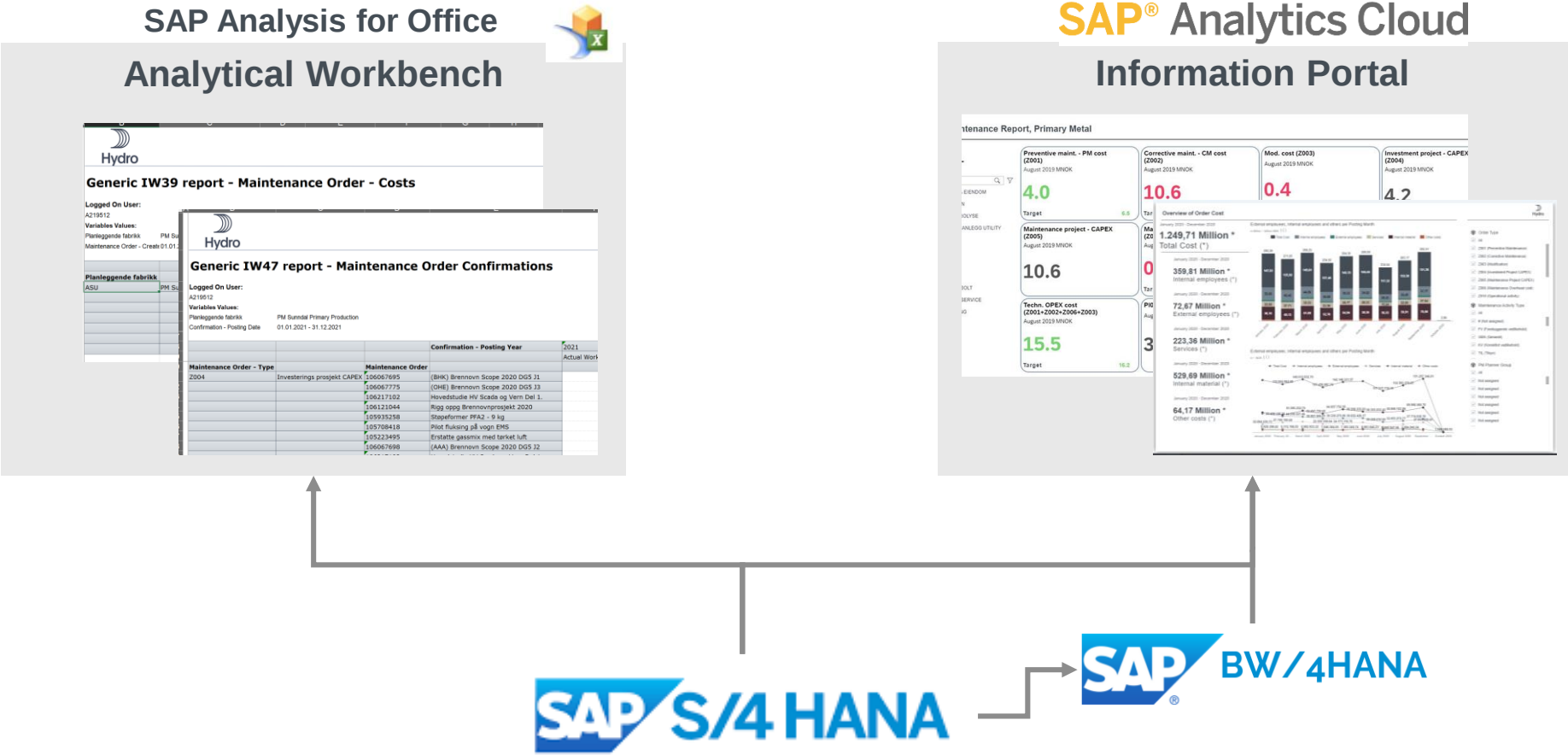
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SBN SAP Analytics Cloud Day
23. March 2021

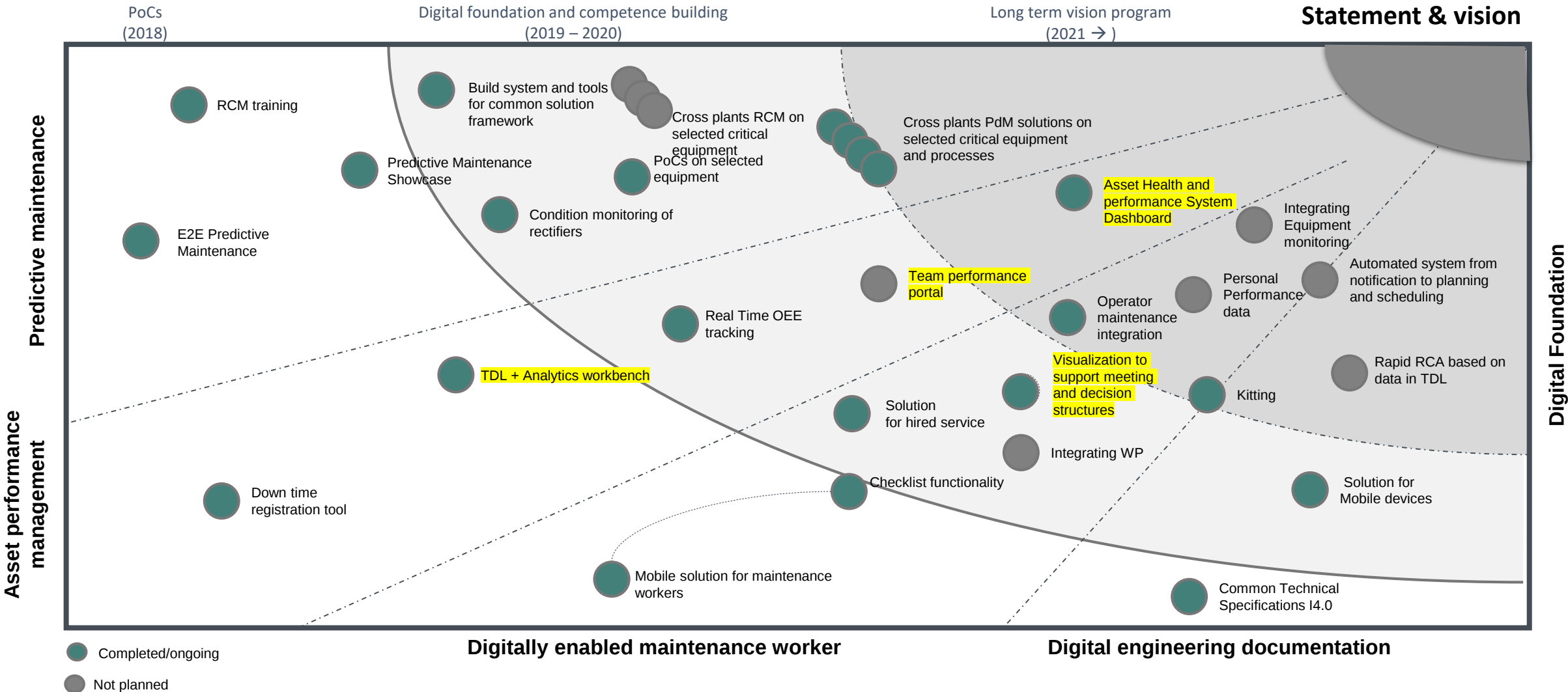
What and Why Demo ?

SAP Analytics – Plant Maintenance

Overall architecture and tools



SAP analytics an element in the Aluminiums Digital Maintenance Strategy



Benefits of using SAP Analytics



Challenges before using SAP Analytics



Countless spreadsheets



Time consuming task to update reporting



Dependent on deep insight into SAP PM to develop reporting.



Large amount of data unused



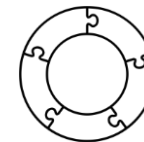
Based on solution we have both an analytic workbench where “all” data is made available but also a standardized information portal.



The analytic workbench gives an “infinite” basis for analysis and new tools.



The information portal with SAC gives larger portion of the organization easy access to prepared reports.



Common solution Across sites

Approach to Productive Use of SAC Dashboards



Use of 15-20 dashboards in daily / weekly / monthly meetings by about 150 information consumers (partly send out per mail).

Training
and
Support

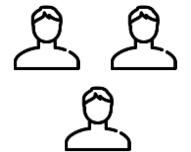
Develop-
ment



Establish Power
User Group &
run SAP Analytics
course



Specific Power
User training for
Analysis for Office



Support & Follow-
up for End-Users



Datamodel & broad
data into the Analytical
Workbench



Power Users build
own dashboards
in SAC & support
from SAP team.



Agree on a common
template for the
dashboards.

What and Why
Demo
?

Status Gule Kjøretøy (Unntatt tappevogner)

Filter - UKE (1)
202112Antall feilmeldinger i
utvalgt periode

43

Antall INSP

8

INSP

19%

% INSP

Antall VAKT

11

VAKT

26%

% VAKT

Antall Hasteoppdrag

19

Hasteoppdrag

44%

% Hasteoppdrag

Påførte skader

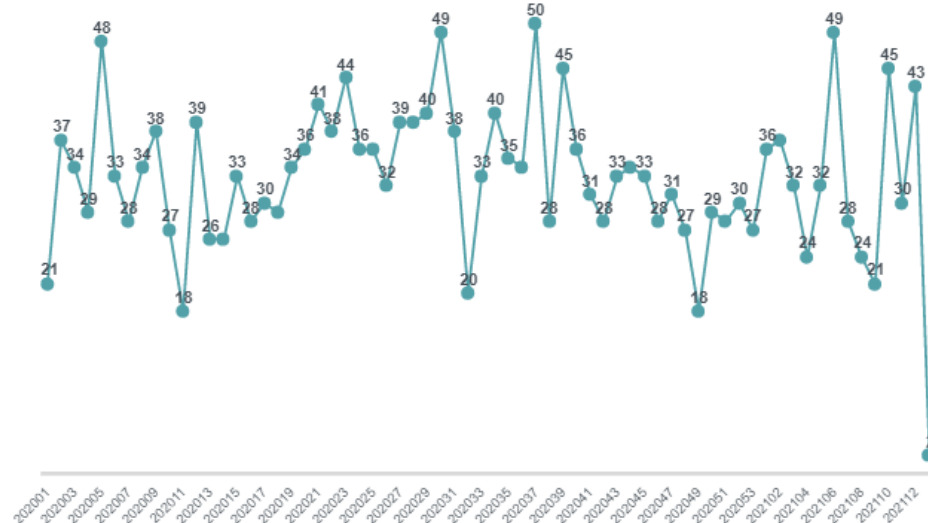
4

Påført skade

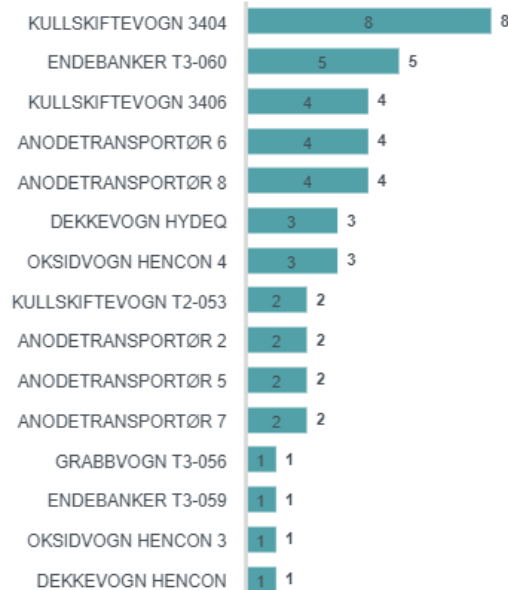
Subheader - Description

SPC Feilmeldinger 2020

{ }

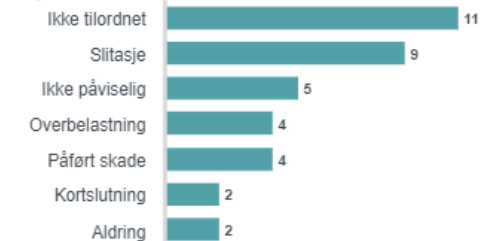


Nr of Notifications per Teknisk plass



Årsakskode

Top 7



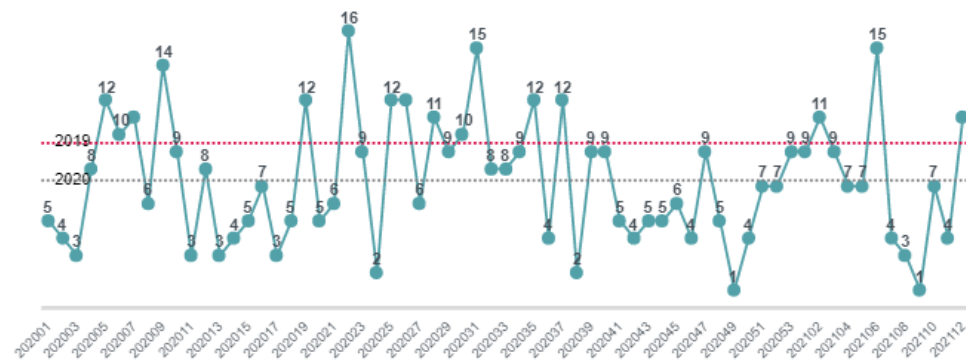
Problemkode

Top 7 | { }

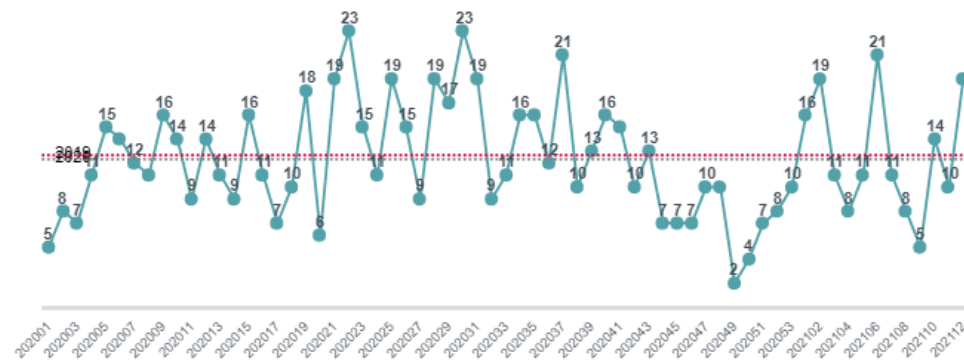


SPC

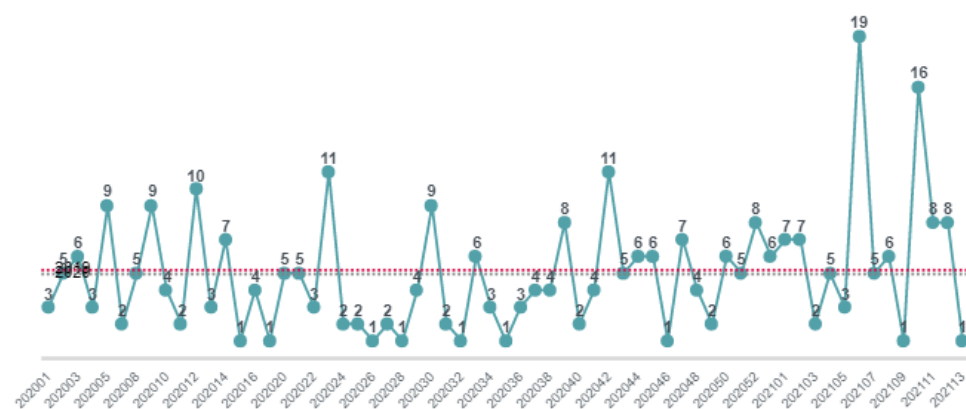
SPC VAKT per Uke



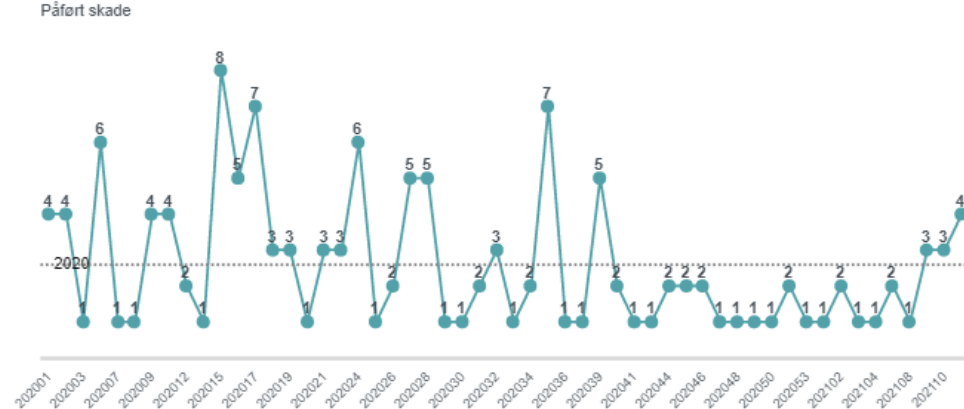
SPC Hasteoppdrag per Uke



SPC INSP per Uke



SPC Påførte skader



Gule Kjøretøy (Unntatt Tappevogner) - Ordre og varebevegelser

Order/GM Cost - Po...
202112

Maintenance Order ...
202112



RAPPORT FILTER

Ordre generert i utvalgt uke

49

Nr of Maintenance Orders

Faktisk kost i utvalgt Uke

NOK347,041

Actual Cost

Kost fordelt på Z002 og Z001

NOK46,840

Forebyggende vedlikehold

NOK300,202

Korrigerende vedlikehold

Kost Varebevegelser i utvalgt uke

in NOK | [1 Filter](#) | {}

NOK152,644

GM Amount

Kost per Kjøretøy i utvalgt uke

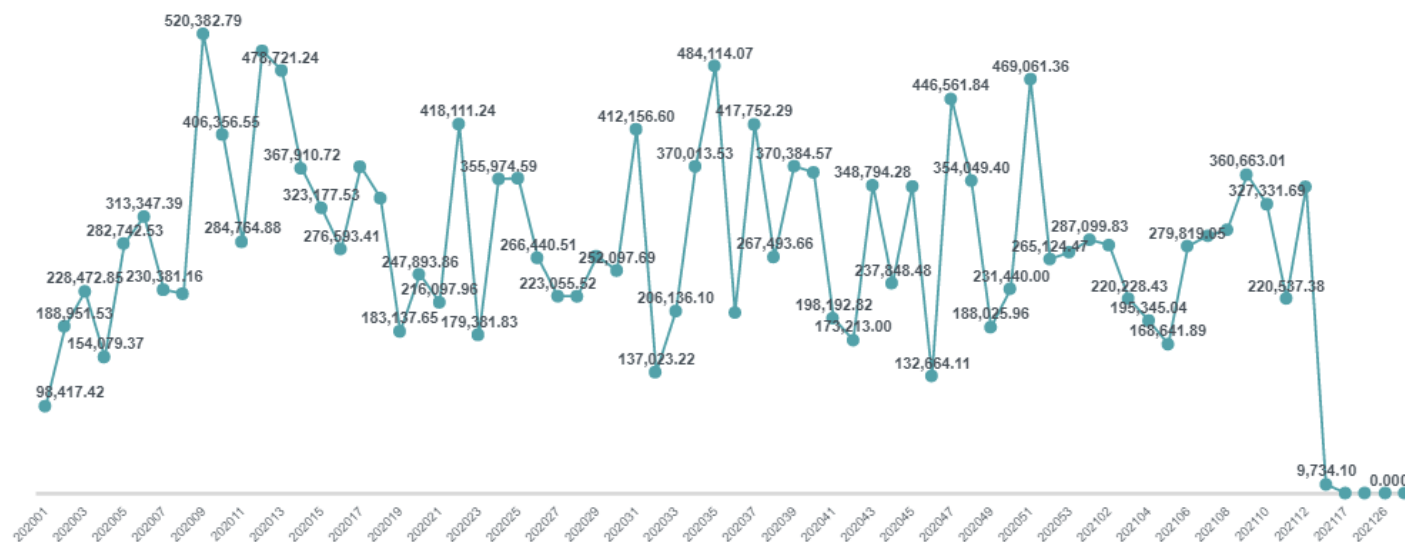
Forebyggende Vedlikehold Korrigerende Vedlikehold

ENDEBANKER T3-080	110,246.24	111,046.24
KULLSKIFTEVOGN 3404	41,534	43,133.69
GRABBOGN T3-056	24,818.42	
ANODETRANSPORTØR 8	47,618.07	
ANODETRANSPORTØR 6	19,093.14	
ANODETRANSPORTØR 2	18,611.40	
KULLSKIFTEVOGN 3406	21,600.00	
ANODETRANSPORTØR 7	10,486.88	
DEKKEVOGN HYDEQ	10,477.00	
ENDEBANKER T3-059	12,059.46	
GRABBOGN T3-057	11,470.00	
STØVSUGEBIL HENCON H-7000	6,000.00	
OKSIDVOGN HENCON 4	5,600.00	
KULLSKIFTEVOGN T2-053	4,000.00	
ANODETRANSPORTØR 5	800.00	
OKSIDVOGN HENCON 3	227.00	

Kostutvikling

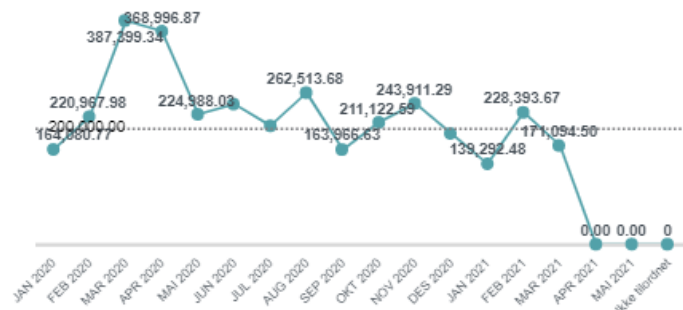
Actual Cost per Order/GM Cost - Posting Week

in NOK, -- | {}



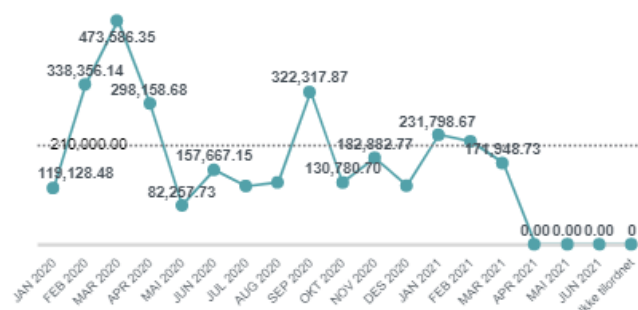
Grabbvogner

in NOK, --



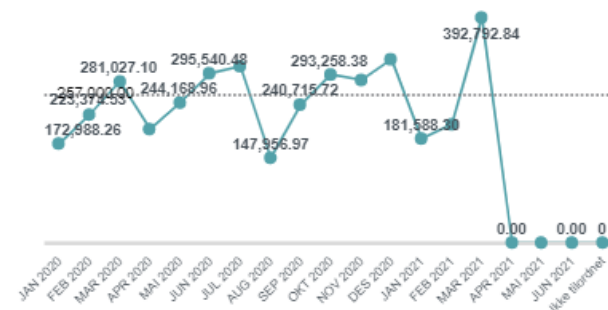
Kullskiftevogner

in NOK, --



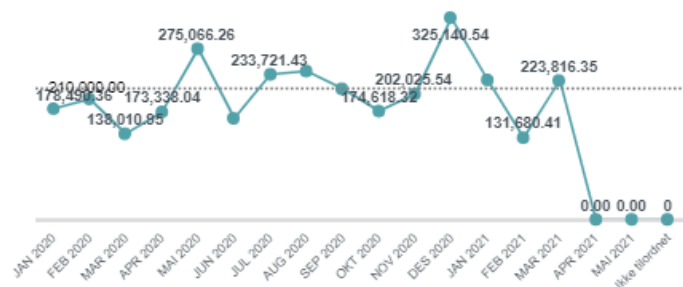
Anodetransportører 2, 6, 7, 5

in NOK, --



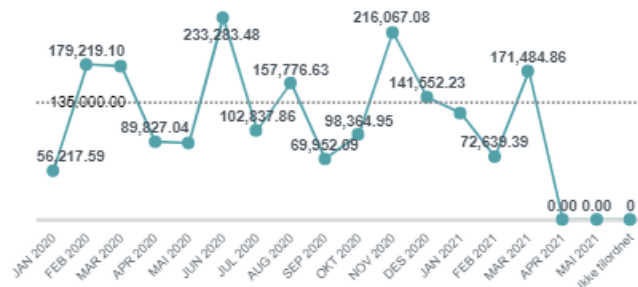
Endebankere

in NOK, --



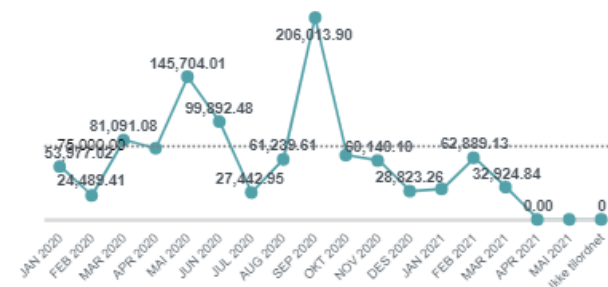
Oksidvogner (inkl. Fluoridbil)

in NOK, --



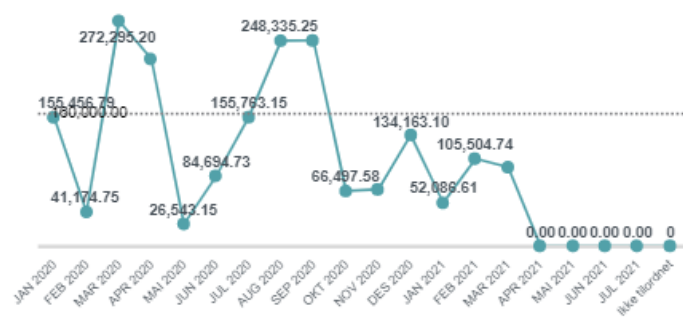
Badvogner

in NOK, --



Anodetransportører 4, 8

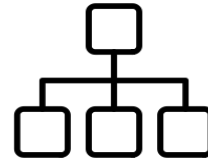
in NOK, --



Lessons Learned



Have enough time to support the end users and to build reports



Issues with using a large and deep hierarchy (report definition and performance)



Start with and promote some good use cases



Lots of technical errors and instability in the beginning - (improved with latest SAC releases)



SAC is not that strong for drill-down and detailed analysis

What and Why
Demo
?