



SAP Plant Maintenance with SAP Analytics

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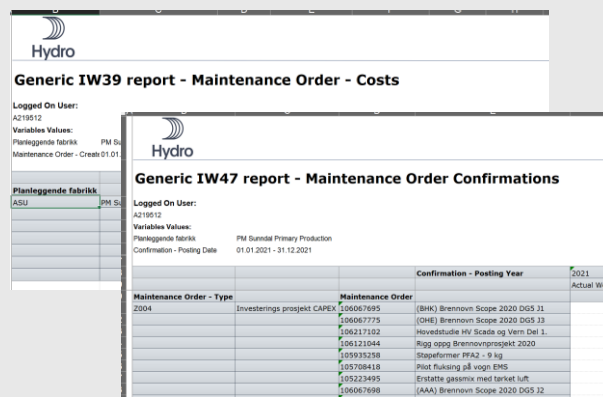
SBN SAP Asset Management Day
25. May 2021

What and Why
Demo Fiori
Demo SAC & AfO
?

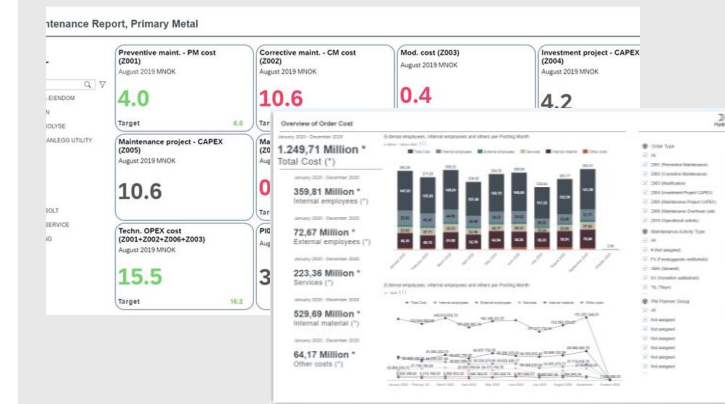
SAP Analytics – Plant Maintenance



Analytical Workbench



SAP® Analytics Cloud Information Portal



Digital Maintenance Worker



Order - Operation	Type	Description	PL.Grp.	Functional Location	Work Center
106337371 - 30	2001	anvis og hendt deler	225	FRAMBRINGSVIGN BIODPRES	SUMME Potrooms ASU, Electro
106408574 - 30	2001	FILTER FILTERNLEGG GRABNET BAO 12 uer	225	FILTER GRABNET BAO	SUMME Potrooms ASU, Electro
106408574 - 20	2001	FILTER FILTERNLEGG GRABNET BAO 32 uer	225	FILTER GRABNET BAO	SUMME Potrooms ASU, Electro
106408575 - 30	2001	STØVSUGER FILTERN, BACKNUS OG GROVRENS	225	STØVSUGER FILTERN, BACKNUS OG GROVRENS	SUMME Potrooms ASU, Electro
106470365 - 30	2001	RINGLEDNING NATURGASS Andelenesve 12 u	225	LNG STØPEDIN	SUMME Potrooms ASU, Electro
106470411 - 30	2001	Sitete på boller 13U	111	FORVARNESNEKKE 43-NJ-0012	SUMME Potrooms ASU, Electro
106470412 - 30	2001	Sitete på boller 13U	111	FORVARNESNEKKE 43-NJ-0012	SUMME Potrooms ASU, Electro
106470413 - 30	2001	Bytte innsett gruttlager 13U	111	FORVARNESNEKKE 43-NJ-0012	SUMME Potrooms ASU, Electro
106470421 - 30	2001	Justerer av klappemott 13U	111	VINDSKILT 41-CE-0009	SUMME Potrooms ASU, Electro

SAP S/4 HANA

SAP BW/4HANA

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



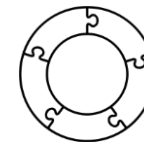
Based on solution we have both an analytic workbench where “all” data is made available but also a standardized information portal.



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

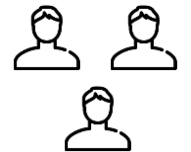
Develop-
ment



Establish Power
User Group &
run SAP Analytics
course



Specific Power
User training for
Analysis for Office



Support & Follow-
up for End-Users



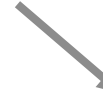
Datamodel & broad
data into the Analytical
Workbench



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

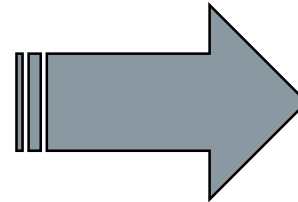
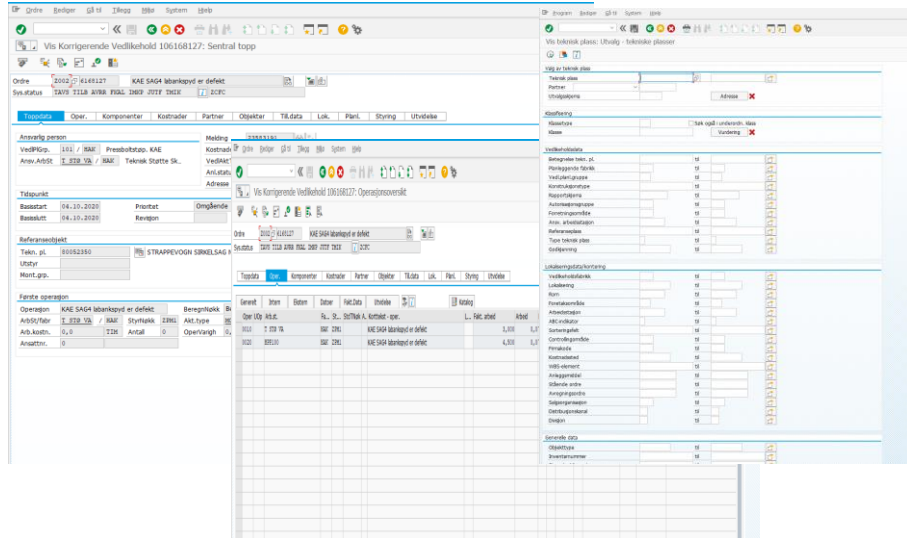


Agree on a common
template for the
dashboards.



What and Why
Demo Fiori
Demo SAC & AfO
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“Old” SAP Interface to be replaced with Fiori APPs



“Old” SAP Interface - GUI

- 90's design
- Not fit for mobile devices
- Standard screens for all
- Good for “heavy-users”

Clean Modern Look

- Browser-based
- Mobile-friendly
- Easier to navigate
- Customized to the different roles and users.

Opprett vedlikeholdsmelding

- 1 Generelt
- 2 Beskrivelse
- 3 Detaljer

1. Generelt

Meldingstype

- ☒ Feilmelding
- ☐ Vedlikeholdsrekvisisjon
- ☐ Aktivitetsrapport

Plassering

Teknisk plass *

ASU 234 80263679 TAPPEVOGN NR 77

Utstyr

Material

Tilbakestill

Ti siste vedlikeholdsmeldinger

Dato	Meldingsnr	Melding
24/05/2021	23886537	Avrevet kjede feste
23/05/2021	23885679	Holder for prøveause bøyd
22/05/2021	23885503	Høy motortemp

Status

Status med nummer

Rapport opprettet

Status uten nummer



Opprett vedlikeholdsmelding

1

Generelt

2

Beskrivelse

3

Detaljer

2. Beskrivelse

Tittel *

Steering cylinder leaking

Prioritet *

Innen 2 uker ▾

Beskrivelse

Front right steering cylinder sweating

Trinn 3

Velg en fil

3. Detaljer

Objektdel

Styresystem

Skade

Lekk

Skadetekst

Årsak

Slitasje

Årsakstekst

Aktivitet

Aktiviteter

Aktivitet	Aktivitetstekst
Ingen aktiviteter lagt til	

Opprett ordre

Legg til deler

Delnr	Delbeskrivelse	Antall	Enhet	Slett
Ingen deler valgt				

Ordretype

Korrigerende Vedlikehold

Arbeidsstasjon

What and Why
Demo Fiori
Demo SAC & AfO
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Status Gule Kjøretøy (Unntatt tappevogner)

Filter - UKE (1)
202117



Antall feilmeldinger i
utvalgt periode

39

Antall INSP

7

INSP

18%

% INSP

Antall VAKT

9

VAKT

23%

% VAKT

Antall Hasteoppdrag

15

Hasteoppdrag

38%

% Hasteoppdrag

Påførte skader

Påført skade

3

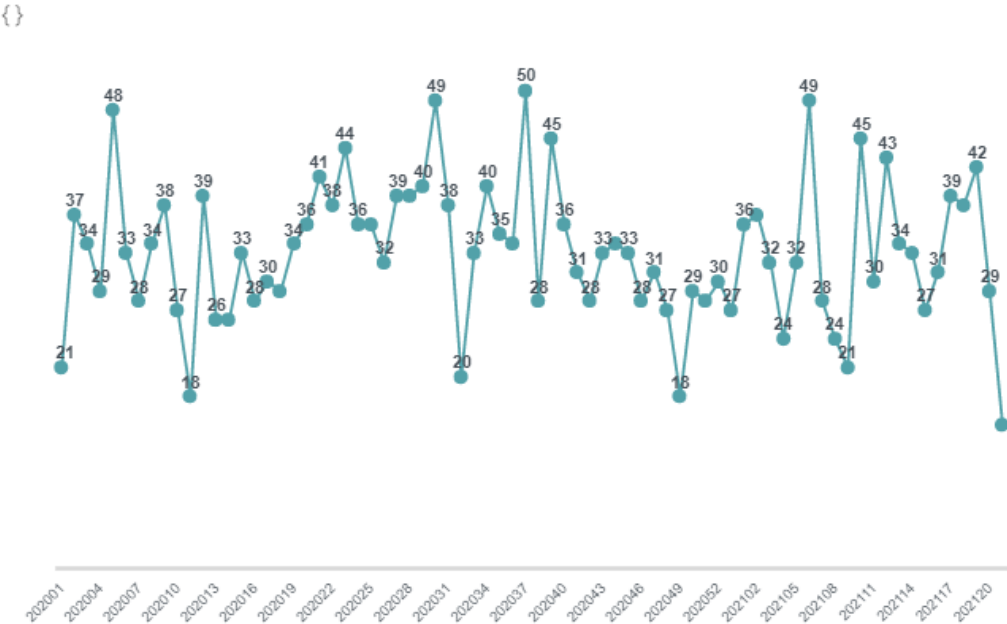
Årsakskode

Top 7

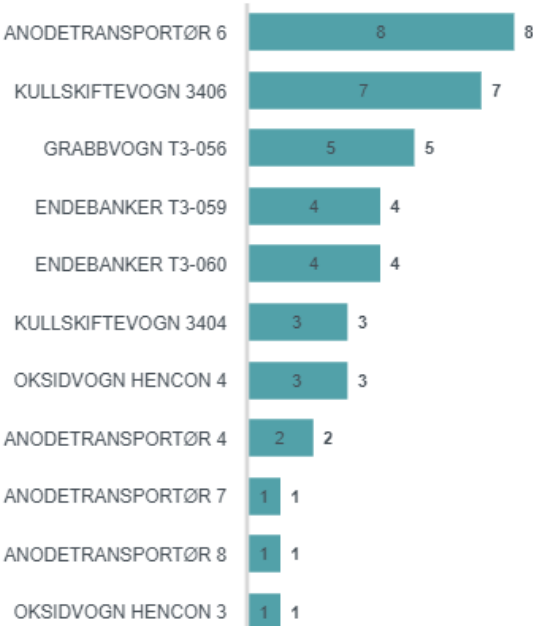


Subheader - Description

SPC Feilmeldinger 2020

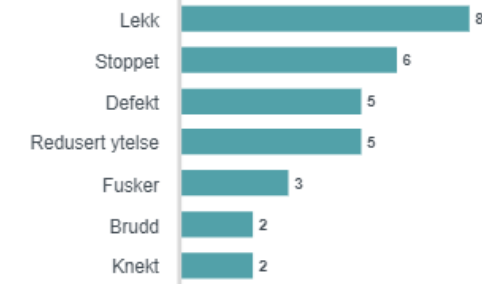


Nr of Notifications per Teknisk plass



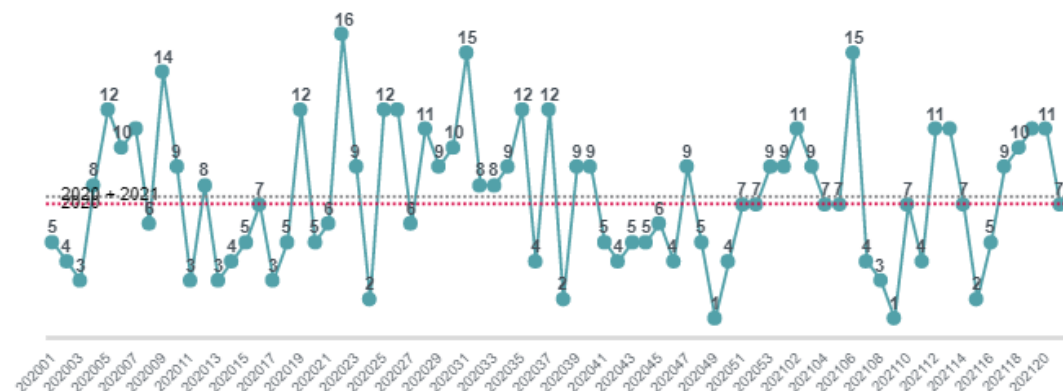
Problemkode

Top 7 | { }

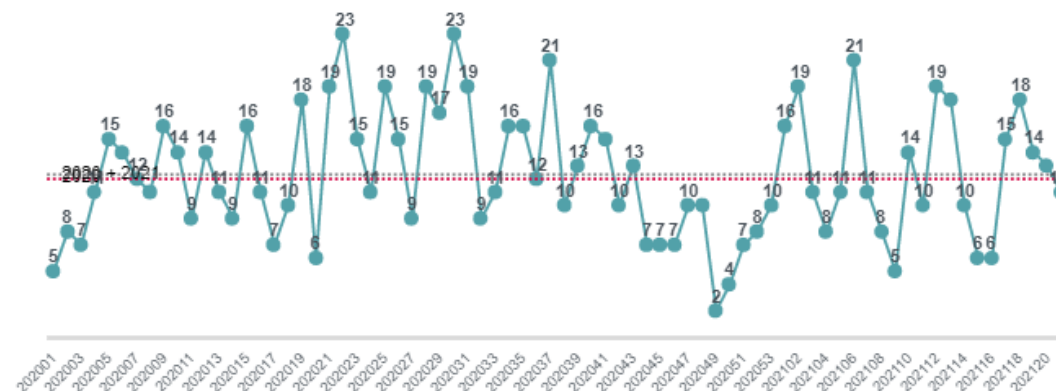


SPC

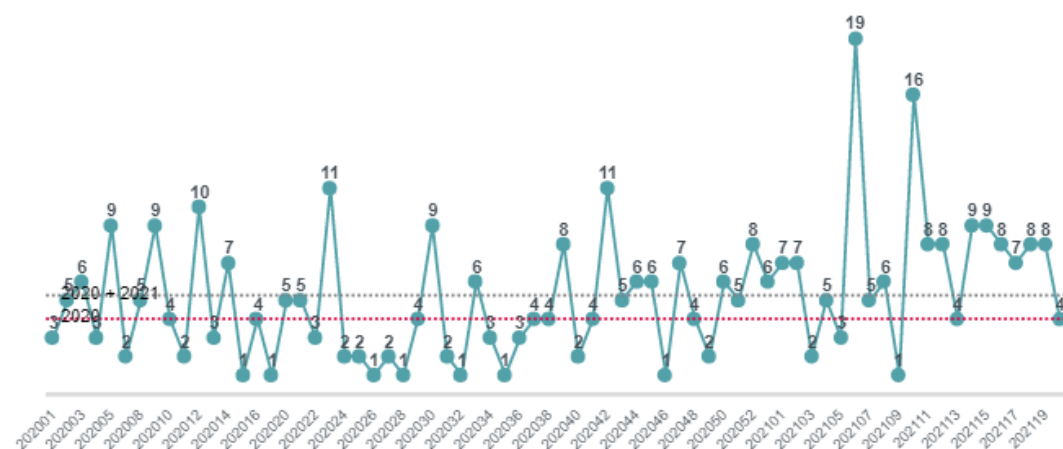
SPC VAKT per Uke



SPC Hasteoppdrag per Uke

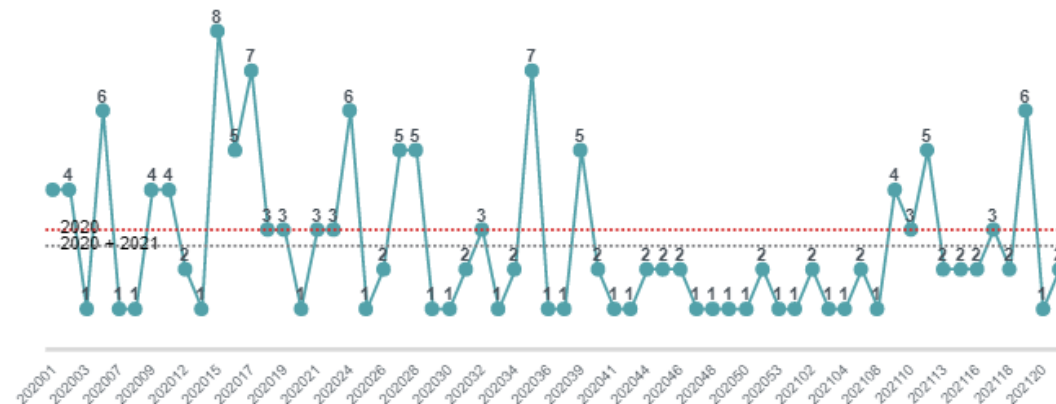


SPC INSP per Uke



SPC Påførte skader

Påført skade



Gule Kjøretøy (Unntatt Tappevogner) - Ordre og varebevegelser

Order/GM Cost - Po...
202118

Maintenance Order ...
202118



RAPPORT FILTER

Ordre generert i utvalgt uke

42

Nr of Maintenance Orders

Faktisk kost i utvalgt Uke

NOK400,831

Actual Cost

Kost fordelt på 2002 og 2001

NOK70,965

Forebyggende vedlikehold

NOK329,866

Korrigerende vedlikehold

Kost Varebevegelser i utvalgt uke

in NOK | 1 Filter | {}

NOK205,031

GM Amount

Kost per Kjøretøy i utvalgt uke

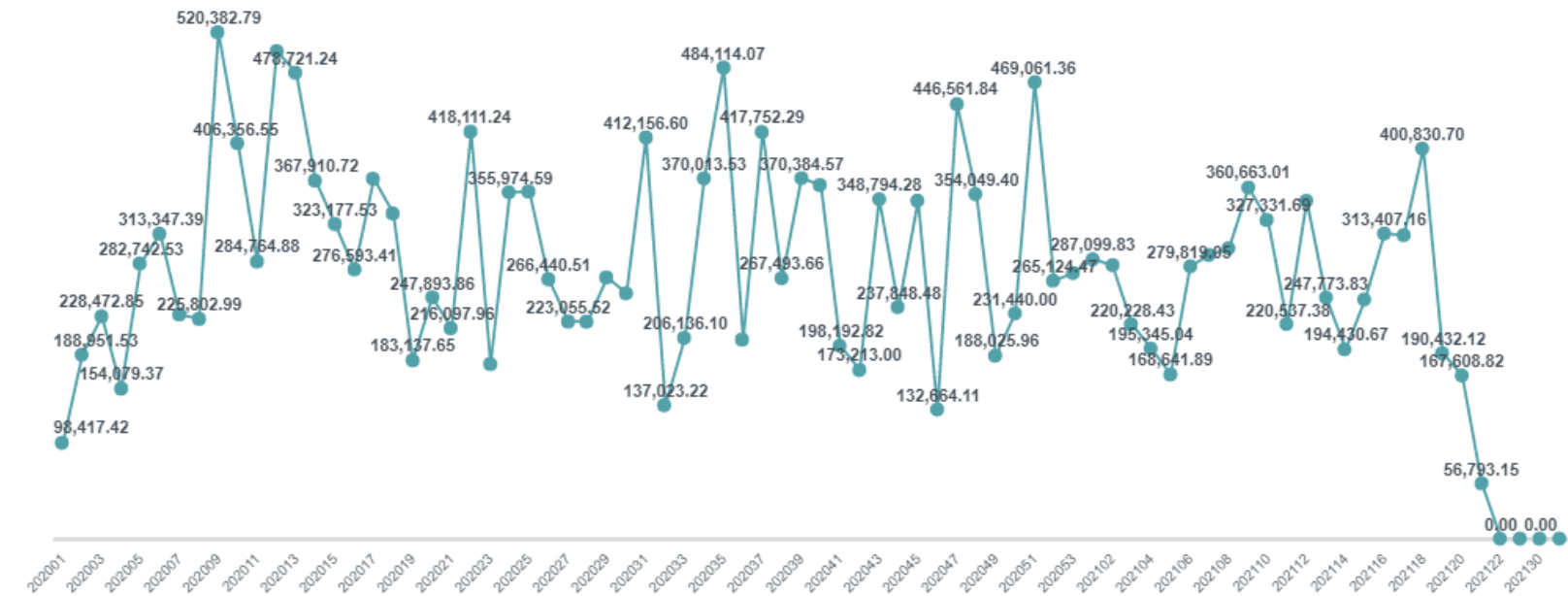
Forebyggende Vedlikehold Korrigerende Vedlikehold

GRABVOGN T3-056	110,013.10	112,413.10
ANODETRANSPORTØR 4	78,649.97	78,649.97
ENDEBANKER T3-059	40,400.00	
STØVSUGEBIL HENCON H-7000	24,059.14	
ANODETRANSPORTØR 7	23,642.39	
ANODETRANSPORTØR 5	27,095.85	
GRABVOGN T3-057	19,398.31	
KULLSKIFTEVOGN 3404	17,487.60	
ANODETRANSPORTØR 6	20,860.82	
ANODETRANSPORTØR 8	7,200.05	
FLUORIDBIL HENCON	6,000.00	
OKSIDVOGN HENCON 5	6,000.00	
ENDEBANKER T3-060	5,600.00	
KULLSKIFTEVOGN 3406	7,500.00	
OKSIDVOGN HENCON 3	2,923.47	
GRABB/ENDEBANKER 47	1,600.00	

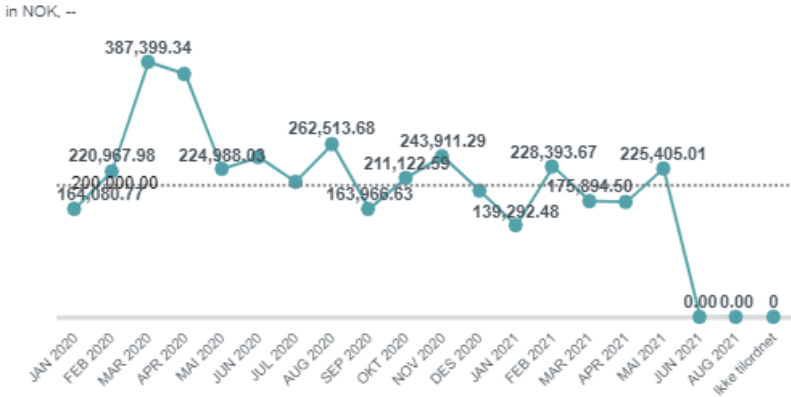
Kostutvikling

Actual Cost per Order/GM Cost - Posting Week

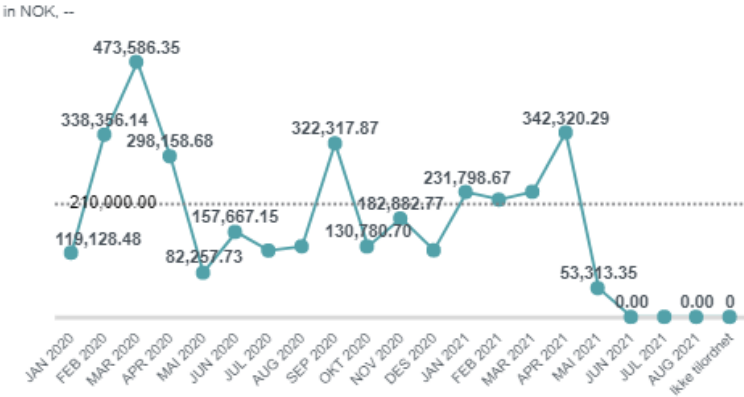
in NOK, -- | {}



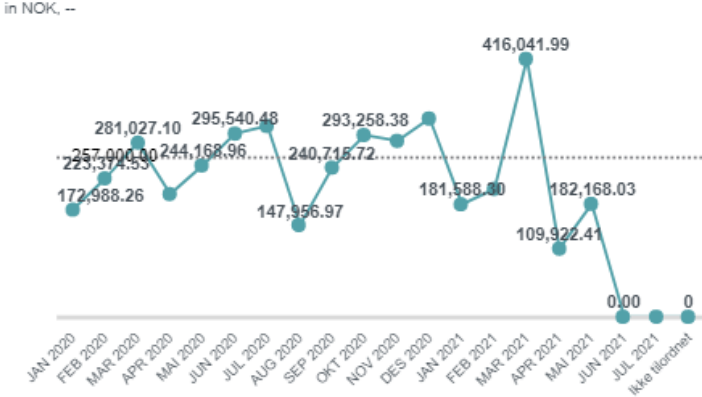
Grabbvogner



Kullskiftevogner



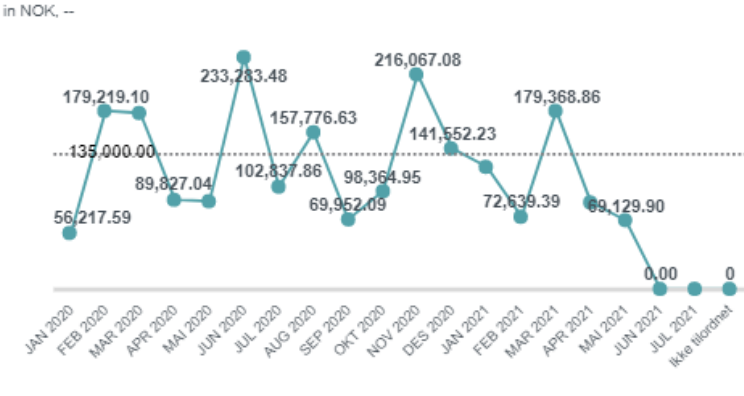
Anodetransportører 2, 6, 7, 5



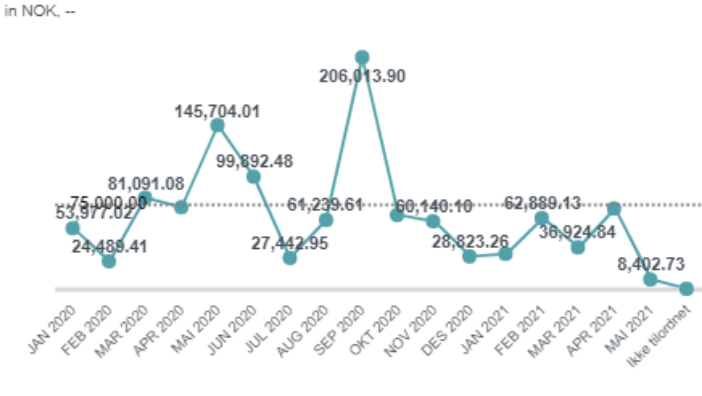
Endebankere



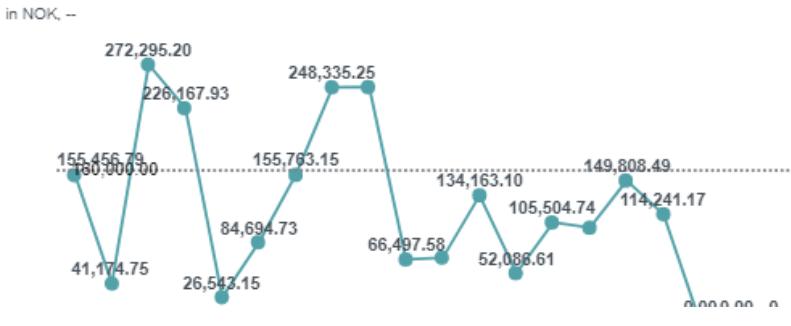
Oksidvogner (inkl. Fluoridbil)



Badvogner



Anodetransportører 4, 8



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