



NEXT **Safran Project** DEMO THEATRE:

New Project Group features

Lars Sandbakk | Safran Software Solutions AS

00:00

New Project Group features

Agenda

- Recap: What are Project Groups? (In PLANNER: Masterplan)
- Navigating a Safran Database with Project Groups
- Planning and Reporting with Project Groups
- Reporting Status Values in a Project Group
 - Importing from File
 - Saving Project History
- Exporting and Importing Projects from and to a Project Group

What are Project Groups?

Portfolio Management
Enterprise Management

- Project Groups are collections of individual projects under one common umbrella

Project Management Team

Activity ID	Description	Phase	Early Start	Early Finish	Duration	Planned QTY	2023					
							Jan 01	Mar 10	May 22	Jul 01	Sep 20	Nov 17
E6 012	E6 Patterad.		03.Feb.2023	13.Nov.2023	284	1500						
00010	Legal work	L	03.Feb.2023	22.Mar.2023	6,85 w	100						
00020	Engineering	E	23.Mar.2023	27.May.2023	9,42 w	200						
00030	Construction	C	25.Apr.2023	16.Oct.2023	25 w	1000						
00040	Prep for Traffic	T	17.Oct.2023	13.Nov.2023	4 w	200						

Activity ID	Description	Phase	Early Start	Early Finish	Duration	2023 2024 2025 2026																
						Aug 25	Oct 04	Dec 13	Feb 23	Apr 01	Jun 12	Aug 21	Oct 28	Dec 07	Feb 17	Apr 26	Jun 05	Aug 14	Oct 23	Dec 02	Feb 11	Apr 20
RV22 003	RV 22 Glommakryssing		01.Jan.2024	13.Feb.2026	775																	
00010	Legal work	L	01.Jan.2024	11.Aug.2024	32 w																	
00020	Engineering	E	25.May.2024	28.Feb.2025	40 w																	
00022	Engineering	E	26.Sep.2024	03.Feb.2025	18,71 w																	
00031	Construction	C	04.Feb.2025	20.Aug.2025	28,28 w																	
00032	Construction	C	23.Nov.2024	05.Apr.2025	19,14 w																	
00030	Construction	C	04.Jan.2025	19.Dec.2025	50 w																	
00040	Prep for Traffic	T	20.Dec.2025	13.Feb.2026	8 w																	

Activity ID	Description	Early Start	Early Finish	Duration	Phase	2023																
						Jan 01	Feb 21	Mar 10	Apr 22	May 11	Jun 30	Jul 20	Aug 09	Sep 29	Oct 18	Nov 08	Dec 27					
Total Plan	Total Plan	03.Feb.2023	13.Nov.2023	284																		
E39 104	E39 Rogfast	03.Feb.2023	13.Nov.2023	284																		
00010	Legal work	03.Feb.2023	22.Mar.2023	6,85 w	L																	
00020	Engineering	23.Mar.2023	27.May.2023	9,42 w	E																	
00030	Construction	25.Apr.2023	16.Oct.2023	25 w	C																	
00040	Prep for Traffic	17.Oct.2023	13.Nov.2023	4 w	T																	

Demo Case: National Road Projects

Sample
data



Organizing your Projects

Opening
Grouping

Open

Projects Project Groups Find: User owned only All

Organize Projects by
Top Level Project Type
Then Region
Then

Show As Label
 Short Short + Description

Project	Description	Project Type	Region	ID	Owner
E134 032	E134 Kjerringdalen - Bøgend	MT - Mindre tiltak	VT - Vestfold og Telemark	32SA	
E134 033	E134 Oslofjordforbindelsen byggetrinn 2	VP - Veiprojekter	VK - Viken	33SA	
E16 034	E16 Eggemoen - Jevnaker - Olum	VP - Veiprojekter	IL - Innlandet	34SA	
E16 035	E16 Jaren - Skinnarbøl	MT - Mindre tiltak	IL - Innlandet	35SA	
E18 028	E18 Askim - Mysen, fv 118 Slitu - Sekkelsten (alt. til E18) - gs-tiltak	MT - Mindre tiltak	VK - Viken	28SA	
E18 029	E18 Etablering av trekkror / fiber (Akershus)	MT - Mindre tiltak	VK - Viken	29SA	
E18 030	E18 GSV Ås-Holstad	MT - Mindre tiltak	VK - Viken	30SA	
E6 005	E6 Chaussé - Svinesund vegmiljø (Fv118)	MT - Mindre tiltak	VK - Viken	5SA	
E6 006	E6 Eidtunnelen	MT - Mindre tiltak	VK - Viken	6SA	
E6 007	E6 Fjerning av alunskifer på Taraldrud	MT - Mindre tiltak	VK - Viken	7SA	
E6 008	E6 Fredrikshaldske kongevei (Fv311)	MT - Mindre tiltak	VK - Viken	8SA	
E6 009	E6 Kryssutbedring Årvoll begge retninger	MT - Mindre tiltak	VK - Viken	9SA	
E6 010	E6 Moss, Melløs alternativ til E6 (Fv119) - sykkeltiltak	MT - Mindre tiltak	VK - Viken	10SA	
E6 011	E6 Mosseporten (Patterød), oppgradering av holdeplasser	MT - Mindre tiltak	VK - Viken	11SA	
E6 012	E6 Patterød, rampe fra sør, kryssutbedring	MT - Mindre tiltak	VK - Viken	12SA	
E6 013	E6 Rehabilitering av Ryenlokket	MT - Mindre tiltak	OS - Oslo	13SA	
E6 014	E6 Variabel infotavle Klemetsrud nord- og sørgående	MT - Mindre tiltak	OS - Oslo	14SA	
E6 015	E6 Variable fartsgrenseskilt	MT - Mindre tiltak	VK - Viken	15SA	
E6 016	E6 & Fv 152 GSV Stenfeldt - Greverud	MT - Mindre tiltak	VK - Viken	16SA	
RV110 017	Rv. 110 Gangfelt nord for Skoleveien, Karlshus	MT - Mindre tiltak	VK - Viken	17SA	
RV110 018	Rv. 110 Gangfelt ved Norveien, Karlshus	MT - Mindre tiltak	VK - Viken	18SA	
RV110 019	Rv. 110 Ømen sør (fundamenteringssvikt - utglidning)	MT - Mindre tiltak	VK - Viken	19SA	
RV204 020	Rv. 204 Halden, Rødsveien - Marcus Thranes gate - sykkeltiltak	MT - Mindre tiltak	VK - Viken	20SA	
RV22 002	RV 22 Etablering av passeringslomme	MT - Mindre tiltak	VK - Viken	2SA	
RV22 003	RV 22 Glommakryssing	VP - Veiprojekter	VK - Viken	3SA	
RV22 021	Rv. 22 Åsen i Sarpsborg, kontrollplass	MT - Mindre tiltak	VK - Viken	21SA	
RV22 022	Rv. 22 Kollektivfelt ved Årum bru	MT - Mindre tiltak	VK - Viken	22SA	
RV22 023	Rv. 22 Rudskogen x E18 utbedring av problempunkter inkl. Ruds-bru (01-0121)	MT - Mindre tiltak	VK - Viken	23SA	
RV22 024	Rv. 22 Skjønhaug nord (skred - kvikkleire)	MT - Mindre tiltak	VK - Viken	24SA	
RV22 025	Rv. 22 Tranga (fundamenteringssvikt)	MT - Mindre tiltak	VK - Viken	25SA	
RV22 026	Rv. 22 Undergang ved Bergenhuskrysset	MT - Mindre tiltak	VK - Viken	26SA	
RV22 027	Rv. 22 Utbedring av sidetereng Østfold grense-Lillestrøm	MT - Mindre tiltak	VK - Viken	27SA	

Show key values

Count	Last Status Update:		Last Baseline	
4 Activities				
Actuals				
Progress	Indices			
Planned: 0,0	Actual: 0,0	CPI 0,00	SPI 0,00	TCPI 0,00

Open From File... Delete Project Access: Update

New
Remembers
column
setup

Projects as Group Members

Opening
Grouping

The screenshot shows the 'Open' dialog box with the 'Project Groups' tab selected. The 'Find' field is empty, and the 'All' radio button is selected. The 'Organize Projects by' section shows 'Project Type' selected for 'Top Level', 'Region' for 'Then', and another dropdown for 'Then'. The 'Show As Label' section has 'Short + Description' selected. The left pane shows a tree view of project groups: 'All', 'MT - Mindre tiltak', 'IL - Innlandet', 'OS - Oslo', 'VK - Viken', 'VT - Vestfold og Telemark', 'VP - Veiprojekter', 'IL - Innlandet', and 'VK - Viken'. The main pane displays a table of project groups with columns: Project Group, Description, ID, Owner, Project Type, and Region. The 'V E6' group is selected.

Project Group	Description	ID	Owner	Project Type	Region
00	Nasjonal Transportplan	4	SA		
R Øst	Region Viken og Oslo	36	SA		
V E18	Europavei 18	39	SA		
V E6	Europavei 6	38	SA		

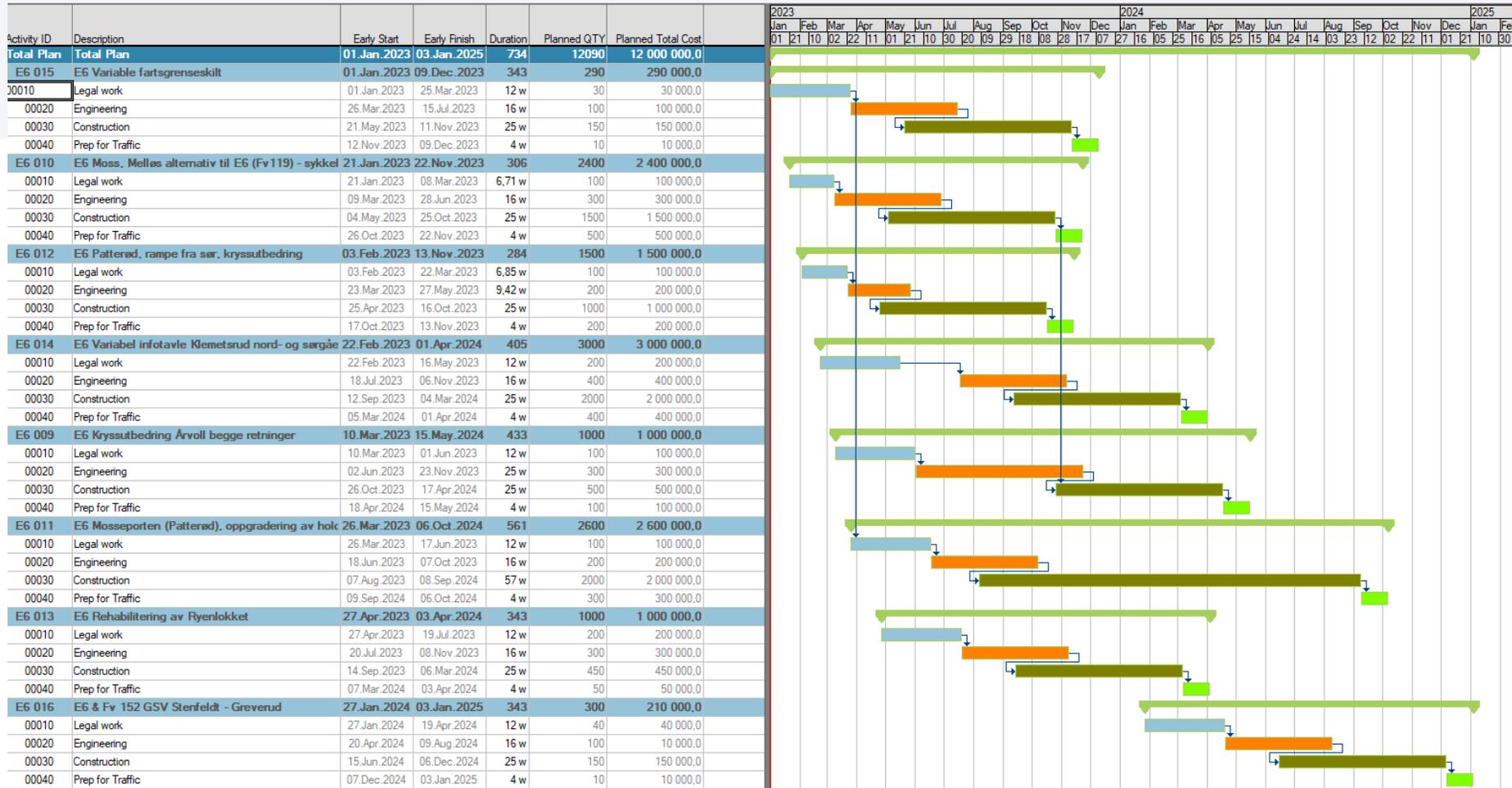
The bottom pane displays a table of member projects with columns: Member Project, Description, Owner, Last Status Update, ID, Project Type, and Region.

Member Project	Description	Owner	Last Status Update	ID	Project Type	Region
E6 005	E6 Chaussé – Svinesund vegmiljø (Fv118)	(SA)		5	MT - Mindre tiltak	VK - Viken
E6 006	E6 Edettunnelen	(SA)		6	MT - Mindre tiltak	VK - Viken
E6 007	E6 Fjeming av alunskifer på Taraldrud	(SA)		7	MT - Mindre tiltak	VK - Viken
E6 008	E6 Fredrikshaldske kongevei (Fv311)	(SA)		8	MT - Mindre tiltak	VK - Viken
E6 009	E6 Kryssutbedring Årvoll begge retninger	(SA)		9	MT - Mindre tiltak	VK - Viken
E6 010	E6 Moss, Mellos alternativ til E6 (Fv119) - sykkeltiltak	(SA)		10	MT - Mindre tiltak	VK - Viken
E6 011	E6 Mosseporten (Patterød), oppgradering av holdeplasser	(SA)		11	MT - Mindre tiltak	VK - Viken
E6 012	E6 Patterød, rampe fra sør, kryssutbedring	(SA)		12	MT - Mindre tiltak	VK - Viken
E6 013	E6 Rehabilitering av Ryenlokket	(SA)		13	MT - Mindre tiltak	OS - Oslo
E6 014	E6 Variabel infotavle Klemetsrud nord- og sørgående	(SA)		14	MT - Mindre tiltak	OS - Oslo
E6 015	E6 Variable fartsgrenseskilt	(SA)		15	MT - Mindre tiltak	VK - Viken
E6 016	E6 & Fv 152 GSV Stenfeldt - Greverud	(SA)		16	MT - Mindre tiltak	VK - Viken

At the bottom of the dialog, there are buttons for 'Open From File...', 'Delete Project', 'Access: Update', 'OK', and 'Cancel'.

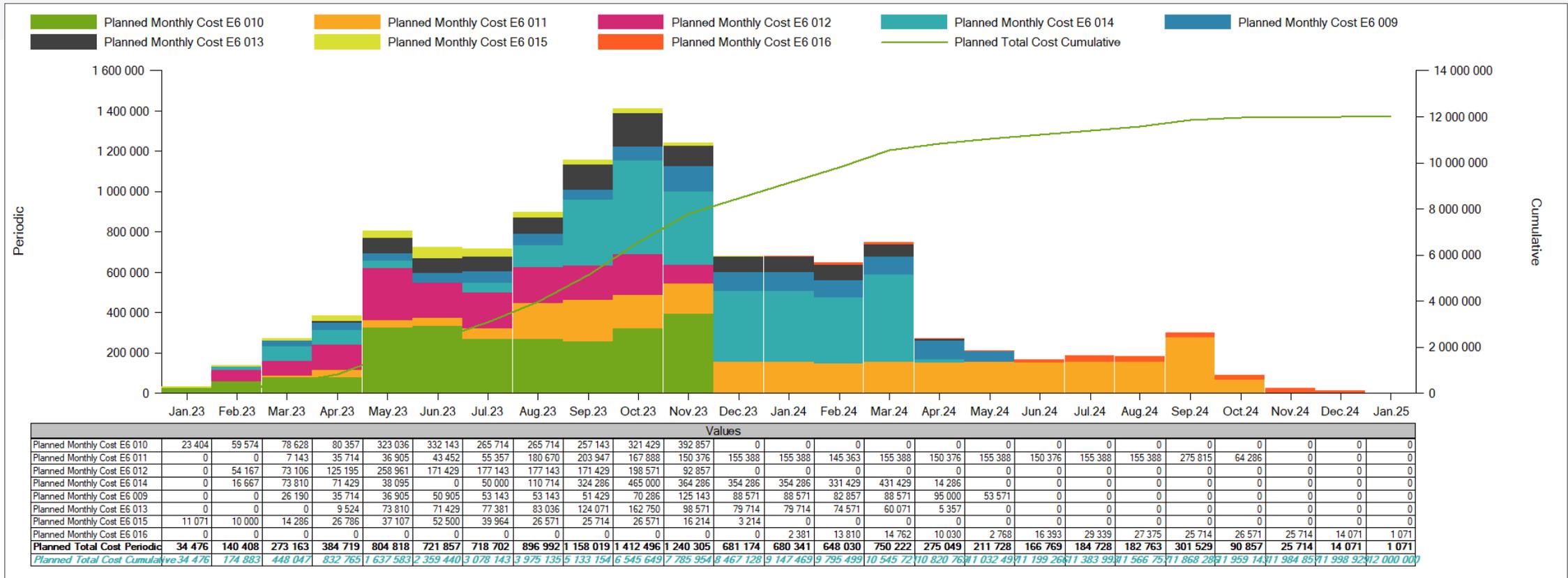
Planning in the Project Group

Scope
Schedule



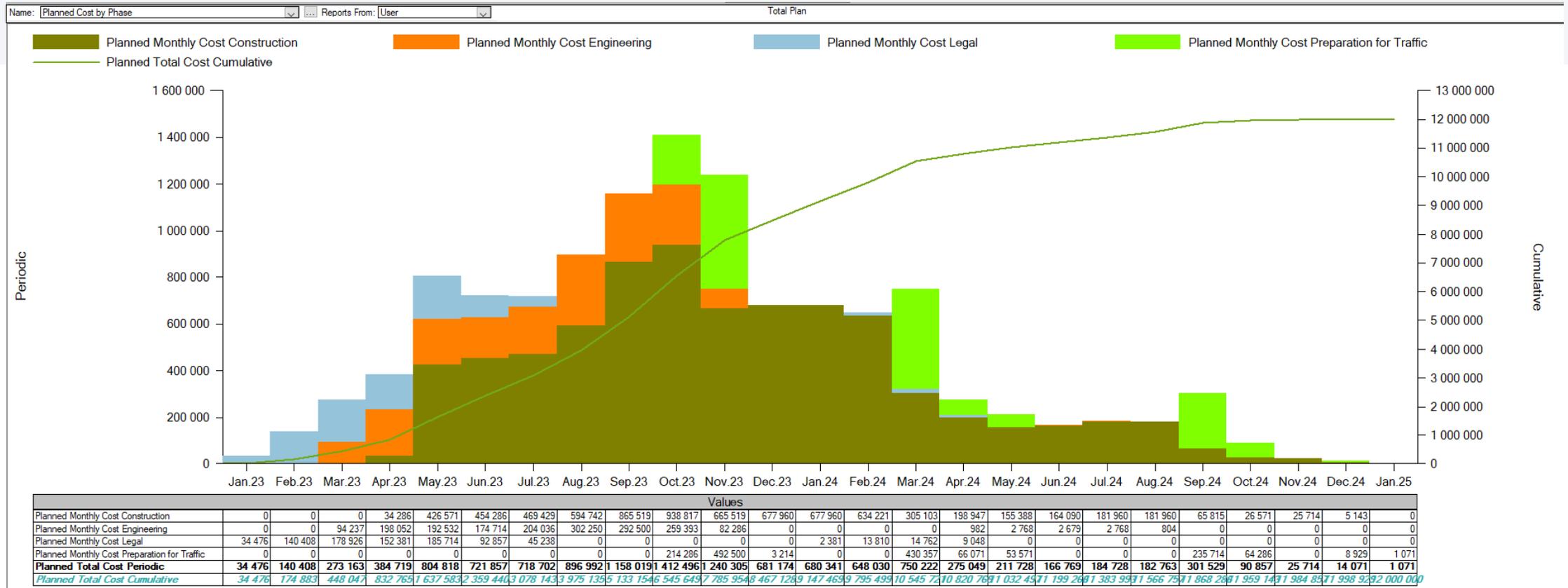
Planning in the Project Group

Scope
Schedule



Planning in the Project Group

Scope
Schedule



Reading Status for all Projects



Can do all projects in one go!

Importing
progress

```
net_id → an → cap  
15 → 00010 → 30  
10 → 00010 → 20  
12 → 00010 → 5
```

Activity	Resource	Prog. %	Exp. qty	Exp. Cost	Act. Start	Act. Finish	Rem. Work	Rem. Dur	Change	Project ID
00010		20.00								10
00010		5.00								12
00010		30.00								15

Import File : C:\Users\LSB\OneDrive - Safran Software Solutions AS\Forum Safran\2022\Prog ...

Progress per Cut-off: 29.01.23

Initiate new cut-off

Show Warnings for:

- Progress going down
- Actual expended going down

Activity Progress:

- Update All Resources:
- Use Resource Logic:

When Remaining Duration exceeds Duration:

- Extend Duration
- Truncate Remaining Duration
- Do not read

Statistics:

- Number of rows in file :
- Number of errors.:
- Number of warnings:
- Number of updated activities :
- Number of updated resources :

When progress is imported at activity level, all resources will get the same progress as the activity - regardless of any profiling. This will lead to the activity being "out of sync" if any profiling exists.

Buttons: Read, Close

Status Update for all Projects



Can do all projects in one go!

Recording the status history

The screenshot displays the Microsoft Project interface. The ribbon includes FILE, HOME, DATA, VIEW, PROJECT, REPORTS, and ADMIN. The PROJECT ribbon is active, showing various task management tools. A Gantt chart is visible, showing project activities with green bars. A 'Set Status' dialog box is open in the foreground, providing details about the last status update and options to run a new update.

Activity ID	Description	Early Start	Duration	Early Finish	Planned Hours	Planned Total Cost
Total Plan	Total Plan	01.Jan.2023	734 d	03.Jan.2025	12090	12 000 000,0
E6 015	E6 Variable fartsgrenseskiit	01.Jan.2023	343 d	09.Dec.2023	290	290 000,0
E6 010	E6 Moss, Melløs alternativ til E6 (Fv119) - sykkel	21.Jan.2023	306 d	22.Nov.2023	2400	2 400 000,0
E6 012	E6 Patterød, rampe fra sør, kryssutbedring	03.Feb.2023	284 d	13.Nov.2023	1500	1 500 000,0
E6 014	E6 Variabel infotavle Klemetsrud nord- og sørgåe	22.Feb.2023	405 d	01.Apr.2024	3000	3 000 000,0
E6 009	E6 Kryssutbedring Årvoll begge retninger	10.Mar.2023	433 d	15.May.2024	1000	1 000 000,0
E6 011	E6 Mosseporten (Patterød), oppgradering av hok	26.Mar.2023	561 d	06.Oct.2024	2600	2 600 000,0
E6 013	E6 Rehabilitering av Ryenlokket	27.Apr.2023	343 d	03.Apr.2024	1000	1 000 000,0
E6 016	E6 & Fv 152 GSV Stenfeldt - Greverud	27.Jan.2024	343 d	03.Jan.2025	300	210 000,0

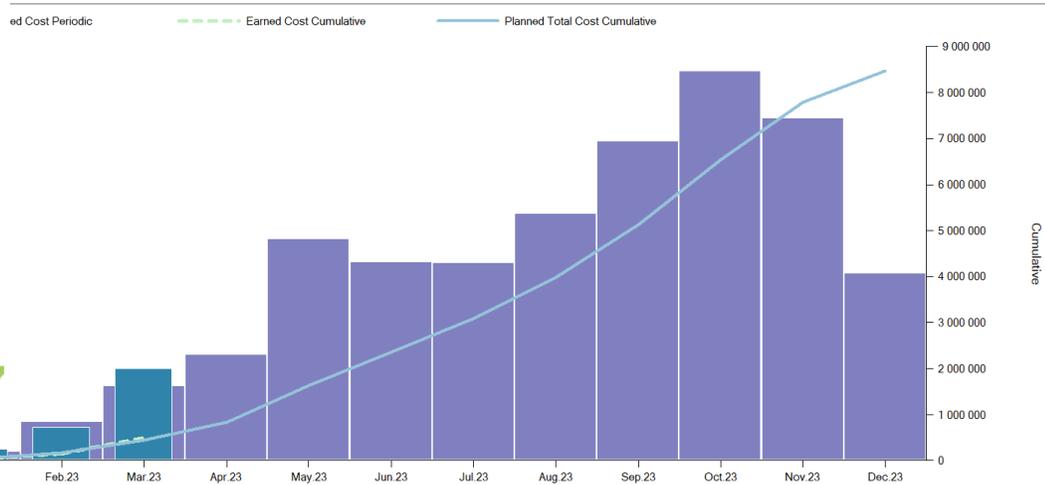
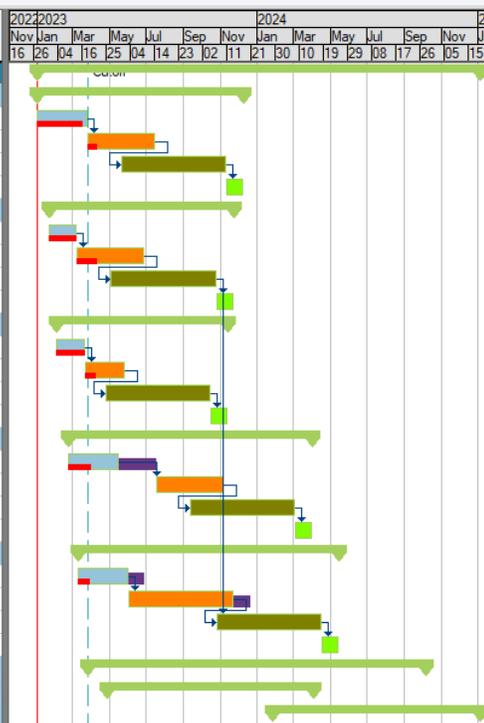
Set Status dialog box content:

Last status update was run for 29.01.23 and may be rerun
Last status update run by :
Last status update run at :
Progress has not been initiated.
Run Status Update on
Period Start: 02.01.23 Cut-off Date: 29.01.23

Progress for the whole Group

Reporting status

Activity ID	Description	Early Start	Duration	Early Finish	Planned Progress	Actual Progress
Total Plan	Total Plan	01.Jan.2023	734 d	03.Jan.2025	3,2	4,1
E6 015	E6 Variable fartsgrenseskilt	01.Jan.2023	343 d	09.Dec.2023	10,7	14,5
00010	Legal work	01.Jan.2023	84 d	25.Mar.2023	100,0	90,0
00020	Engineering	26.Mar.2023	112 d	15.Jul.2023	0,9	15,0
00030	Construction	21.May.2023	175 d	11.Nov.2023		
00040	Prep for Traffic	12.Nov.2023	28 d	09.Dec.2023		
E6 010	E6 Moss, Melløs alternativ til E6 (Fv119) - sykkel	21.Jan.2023	306 d	22.Nov.2023	6,2	7,9
00010	Legal work	21.Jan.2023	47 d	08.Mar.2023	100,0	100,0
00020	Engineering	09.Mar.2023	112 d	28.Jun.2023	16,1	30,0
00030	Construction	04.May.2023	175 d	25.Oct.2023		
00040	Prep for Traffic	26.Oct.2023	28 d	22.Nov.2023		
E6 012	E6 Patterød, rampe fra sør, kryssutbedring	03.Feb.2023	284 d	13.Nov.2023	7,5	10,0
00010	Legal work	03.Feb.2023	48 d	22.Mar.2023	100,0	100,0
00020	Engineering	23.Mar.2023	66 d	27.May.2023	6,1	25,0
00030	Construction	25.Apr.2023	175 d	16.Oct.2023		
00040	Prep for Traffic	17.Oct.2023	28 d	13.Nov.2023		
E6 014	E6 Variabel infotavle Kjemetsrud nord- og sørgåe	22.Feb.2023	405 d	01.Apr.2024	2,6	3,0
00010	Legal work	22.Feb.2023	84 d	16.May.2023	39,3	45,0
00020	Engineering	18.Jul.2023	112 d	06.Nov.2023		
00030	Construction	12.Sep.2023	175 d	04.Mar.2024		
00040	Prep for Traffic	05.Mar.2024	28 d	01.Apr.2024		
E6 009	E6 Kryssutbedring Årvoll begge retninger	10.Mar.2023	433 d	15.May.2024	2,0	2,5
00010	Legal work	10.Mar.2023	84 d	01.Jun.2023	20,2	25,0
00020	Engineering	02.Jun.2023	175 d	23.Nov.2023		
00030	Construction	26.Oct.2023	175 d	17.Apr.2024		
00040	Prep for Traffic	18.Apr.2024	28 d	15.May.2024		
E6 011	E6 Mosseparten (Patterød), oppgradering av holt	26.Mar.2023	561 d	06.Oct.2024	0,0	0,0
E6 013	E6 Rehabilitering av Ryenlokket	27.Apr.2023	343 d	03.Apr.2024	0,0	0,0
E6 016	E6 & Fv 152 GSV Stenfeldt - Greverud	27.Jan.2024	343 d	03.Jan.2025	0,0	0,0



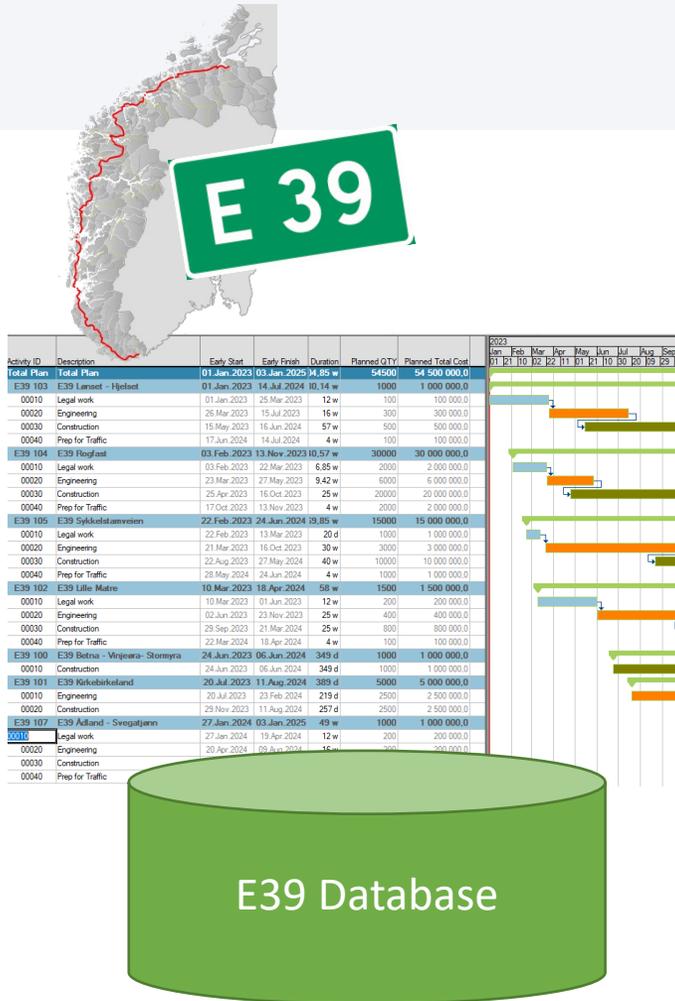
	Dec 22	Jan 23	Feb 23	Mar 23	Apr 23	May 23	Jun 23	Jul 23	Aug 23	Sep 23	Oct 23	Nov 23	Dec 23
Planned Monthly Cost	0	34 476	140 408	273 163	384 719	804 818	721 857	718 702	896 992	1 158 019	1 412 496	1 240 305	681 174
Earned Cost Periodic	0	41 286	120 500	335 214									
Planned Total Cost Cumulative	0	34 476	174 883	448 047	832 765	1 637 583	2 359 440	3 078 143	3 975 135	5 133 154	6 545 649	7 785 954	8 467 128
Earned Cost Cumulative	0	41 286	161 786	497 000									

Moving a whole Project Group



Can do all projects in one go!

Exporting
Importing



Activity ID	Description	Early Start	Early Finish	Duration	Planned Qty	Planned Total Cost
E39 103	E39 Lenseid - Hjeltest	01.Jan.2023	04.Jul.2024	10,14 w	1000	1 000 000,0
00010	Legal work	01.Jan.2023	25.Mar.2023	12 w	100	100 000,0
00020	Engineering	26.Mar.2023	15.Jul.2023	16 w	300	300 000,0
00030	Construction	15.May.2023	16.Jun.2024	57 w	500	500 000,0
00040	Prep for Traffic	17.Jun.2024	14.Jul.2024	4 w	100	100 000,0
E39 104	E39 Riggkast	03.Feb.2023	13.Nov.2023	10,57 w	30000	30 000 000,0
00010	Legal work	03.Feb.2023	22.Mar.2023	6,55 w	2000	2 000 000,0
00020	Engineering	23.Mar.2023	27.Mar.2023	9,42 w	6000	6 000 000,0
00030	Construction	25.Apr.2023	16.Oct.2023	25 w	20000	20 000 000,0
00040	Prep for Traffic	17.Oct.2023	13.Nov.2023	4 w	2000	2 000 000,0
E39 105	E39 Sykkelstamvesien	22.Feb.2023	24.Jun.2024	19,85 w	15000	15 000 000,0
00010	Legal work	22.Feb.2023	13.Mar.2023	20 d	1000	1 000 000,0
00020	Engineering	21.Mar.2023	16.Oct.2023	30 w	3000	3 000 000,0
00030	Construction	22.Aug.2023	27.May.2024	40 w	10000	10 000 000,0
00040	Prep for Traffic	28.May.2024	24.Jun.2024	4 w	1000	1 000 000,0
E39 102	E39 Lille Matre	10.Mar.2023	18.Apr.2024	58 w	1500	1 500 000,0
00010	Legal work	10.Mar.2023	01.Jun.2023	12 w	200	200 000,0
00020	Engineering	02.Jun.2023	23.Nov.2023	25 w	400	400 000,0
00030	Construction	28.Sep.2023	21.May.2024	25 w	800	800 000,0
00040	Prep for Traffic	22.Mar.2024	18.Apr.2024	4 w	100	100 000,0
E39 100	E39 Batna - Vinjeveia - Stomeyra	24.Jun.2023	06.Jun.2024	349 d	1000	1 000 000,0
00010	Construction	24.Jun.2023	06.Jun.2024	349 d	1000	1 000 000,0
E39 101	E39 Kirkebakeland	20.Jul.2023	11.Aug.2024	389 d	5000	5 000 000,0
00010	Engineering	20.Jul.2023	23.Feb.2024	219 d	2500	2 500 000,0
00020	Construction	29.Nov.2023	11.Aug.2024	257 d	2500	2 500 000,0
E39 107	E39 Askvoll - Svevatjenn	27.Jan.2024	03.Jan.2025	49 w	1000	1 000 000,0
00010	Legal work	27.Jan.2024	19.Apr.2024	12 w	200	200 000,0
00020	Engineering	20.Apr.2024	05.Apr.2024	15 w	200	200 000,0
00030	Construction					
00040	Prep for Traffic					

Project Export

Export Filename
C:\Users\LSB\OneDrive - Safran Software Solutions AS\Forum Safran\2022\Export from Contractor.SPX

Export Project
V E39

Projects Project Groups

Project Groups Member Projects

1	V E39	SAFRANSA	Data	Exported
			Activities:	
			<input checked="" type="checkbox"/> Links:	

Project Export

Export Filename
C:\Users\LSB\OneDrive - Safran Software Solutions AS\Forum Safran\2022\Export from Contractor.SPX

Export Project
V E39

Projects Project Groups

Project Groups Member Projects

Include	ID	Name	Owner
<input type="checkbox"/>	2	E39 100	SAFRANSA
<input type="checkbox"/>	3	E39 101	SAFRANSA
<input checked="" type="checkbox"/>	4	E39 102	SAFRANSA
<input checked="" type="checkbox"/>	5	E39 103	SAFRANSA
<input checked="" type="checkbox"/>	6	E39 104	SAFRANSA
<input type="checkbox"/>	7	E39 105	SAFRANSA
<input type="checkbox"/>	8	E39 107	SAFRANSA

Data Exported

Activities:

Links:

Resources:

Resource Avail.:

Calendars:

Rest Entries:

Resource Definitions:

Profiles:

Baseline: /

Progress Status: /

Forecast:

Schedule Risk

Cross Project Links:

Set 'Start No Earlier Than' = ES on Start Activities when using filter

Hide any Qty and Cost Expenditure

< Back Export Close

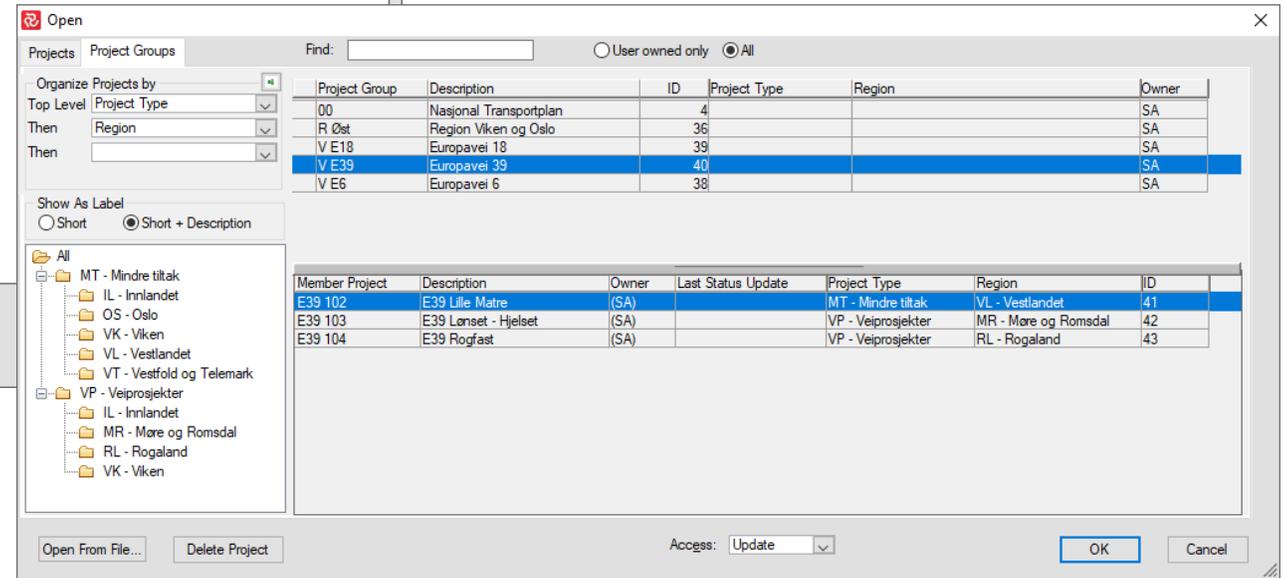
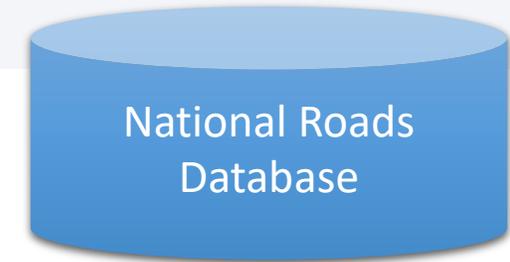
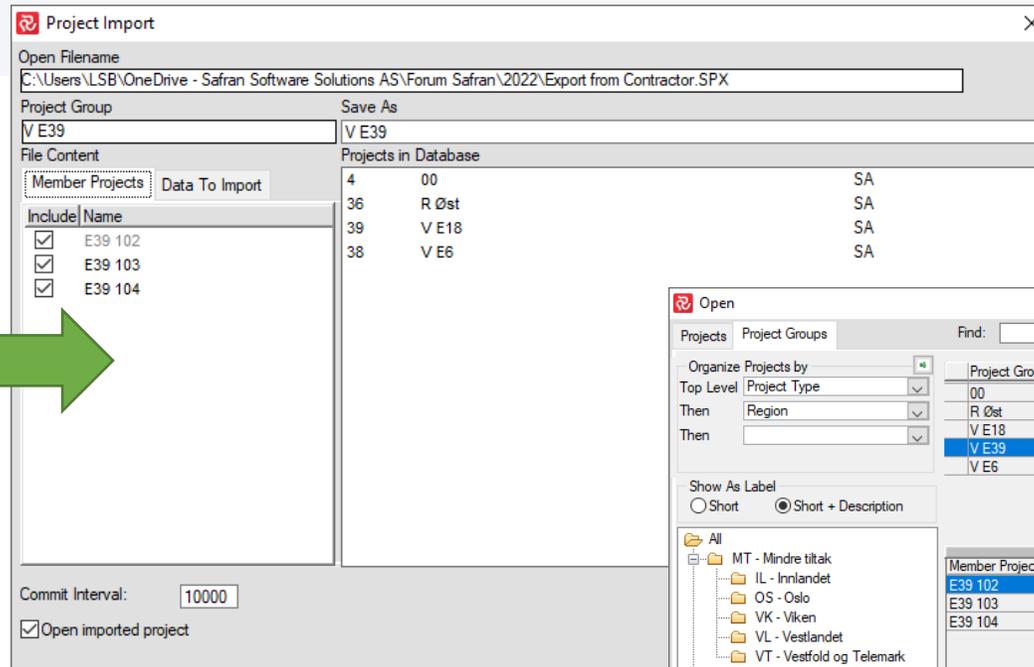


Moving a whole Project Group



Can do all projects in one go!

Exporting
Importing





NEXT **Safran Project** DEMO THEATRE:

New Project Group features

Lars Sandbakk | Safran Software Solutions AS

05:00