



# NETT·ERK

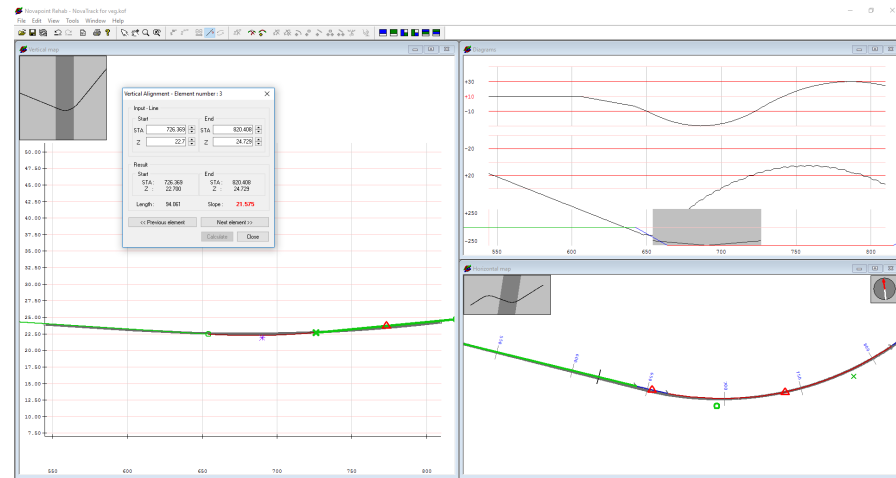
## NovaRehab og NovaTrack for Veg og Bane

Patrick Mc Gloin



# AGENDA

- Agenda
  - NovaRehab (Veg) gjennomgang
  - NovaTrack (Jernbane) gjennomgang
  - DEMO
  - Spørsmål og svar



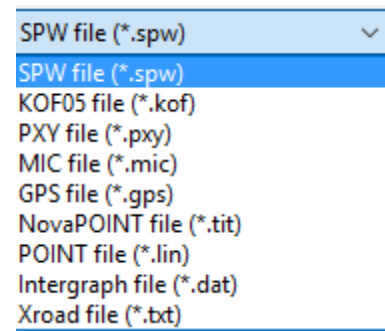
# ≡ NovaRehab (Veg) – linje fra punktgrunnlag

**Inngangsdata** – innmålt punkter fra fil:

LANDXML kommer snart

SPW – brukes til å lagre et prosjekt

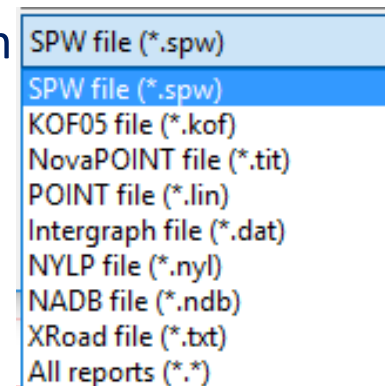
kof – mest vanlig i dag



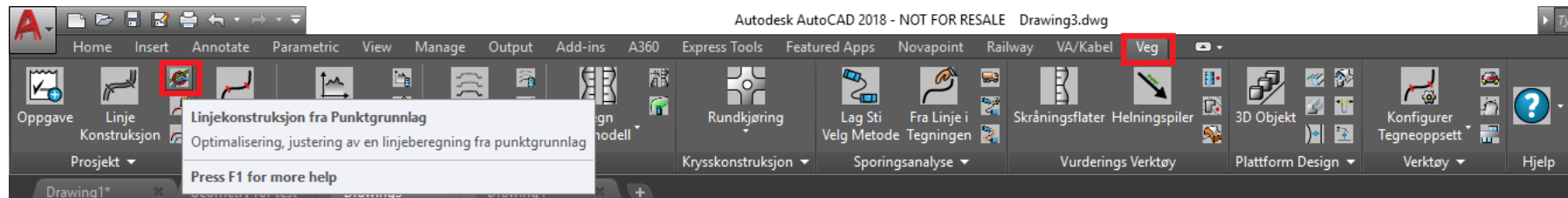
**Resultat** en linjeberegnet linje som kan eksponeres som

LANDXML kommer snart

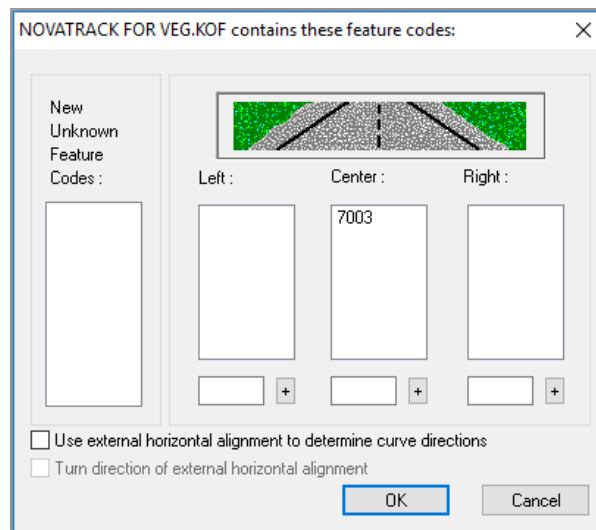
.tit – mest vanlig i dag



Åpnes fra AutoCAD under Veg:



Velg punkt plassering:



## Set parametere og analysere:

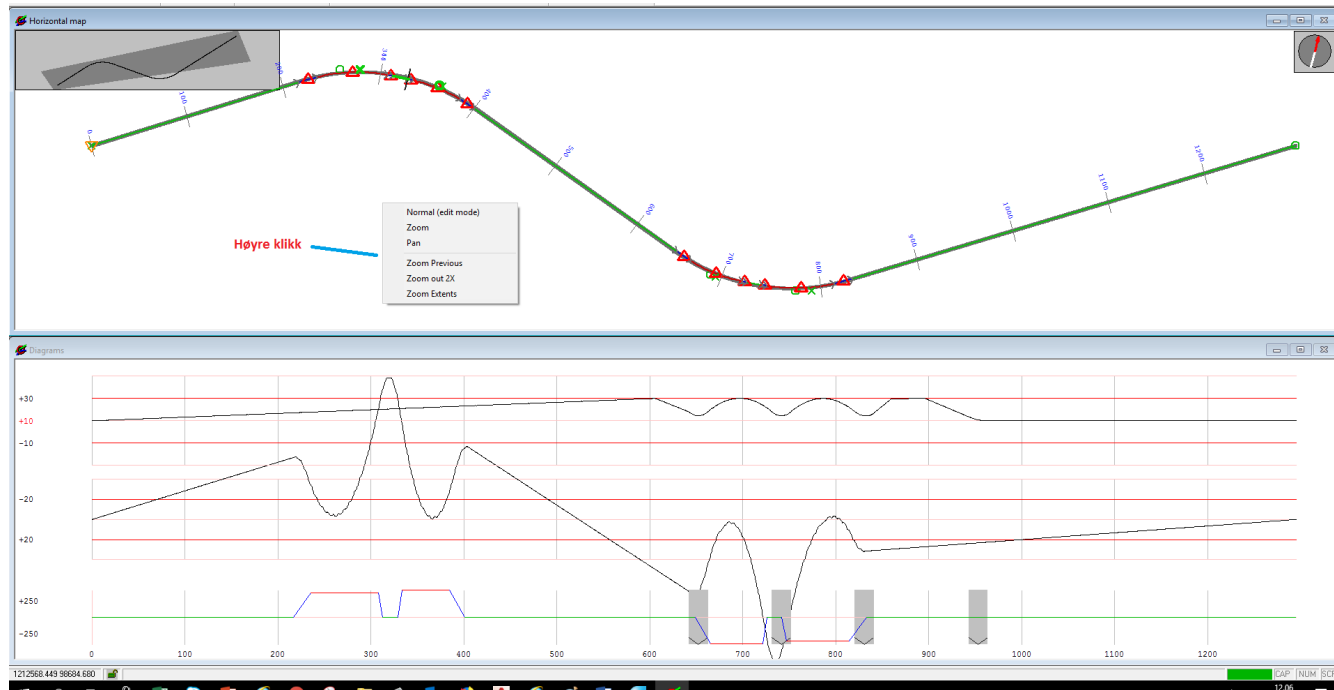
The screenshot shows the 'Novapoint Rehab Analyze Plugins : NovaTrack for veg.kof' dialog box. It is divided into several sections:

- Calculation settings:** A list box containing 'New tracks normal', 'New tracks minimum', 'Existing tracks 1a', and 'Existing tracks 1b'. A blue line points to this section with the red text 'Velg metode'.
- Selected Analyse Method:** A dropdown menu currently set to 'Regression with transition curves'.
- Main calculation constants:** A table with the following values:

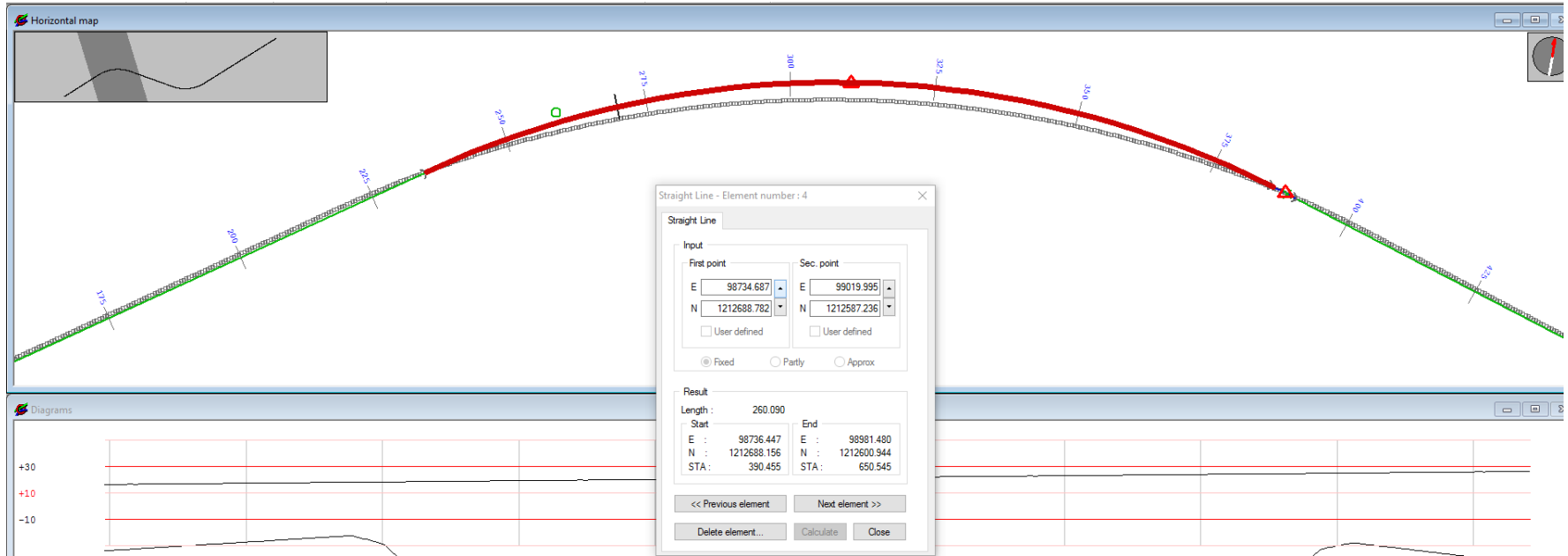
Error tolerance	5
Min. straight line length	10
Min. radius for trans. curves	500
Min. lift	0.1
- Number of iterations:** A text input field containing the value '5'. A blue line points to this field with the red text 'Set antall iterasjoner (5 - 10)'. A red text label 'Velg parametere' also points to the 'Main calculation constants' table.
- Start & End Station:** Two input fields with values '0' and '1295.9728425'.
- Measured data status:** A summary table:

Measured points read	2594
Duplicates - (x,y)	0
Assumed as measured error	0
Measured points deleted	0
Measured points to analyze	2594
- Buttons:** 'Create profile...', 'Edit profile...', 'Delete profile...', 'OK - Analyze', and 'Cancel'.

Bearbeide resultat:

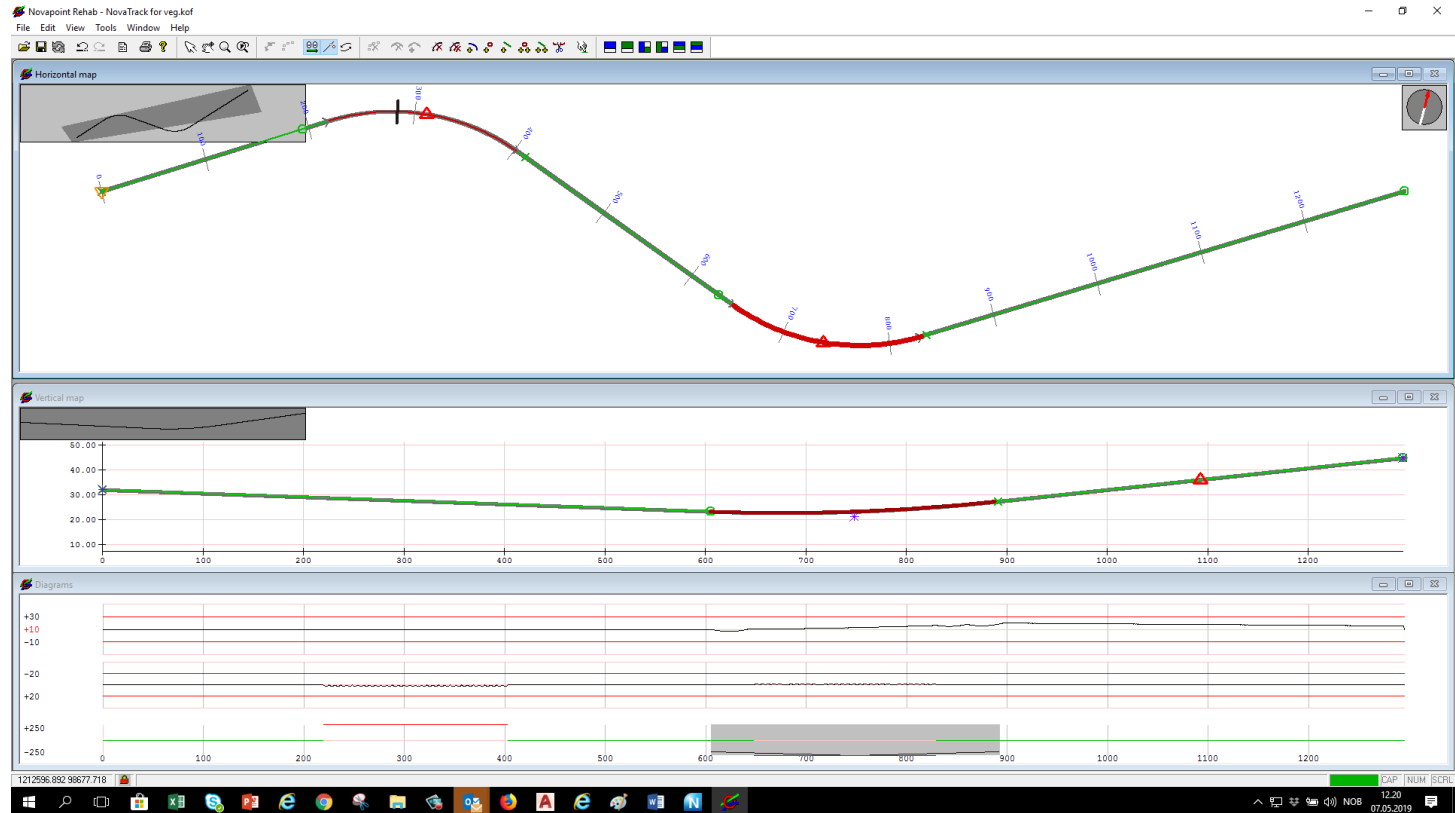


Juster element for element:





# NovaRehab DEMO



## Bruks områder:

For å beregne spør geometri fra innmålte punkter

For å kontrollere ferdig spør mot prosjektert

Som input til løfteskjeme for tampemaskin

-> ALC

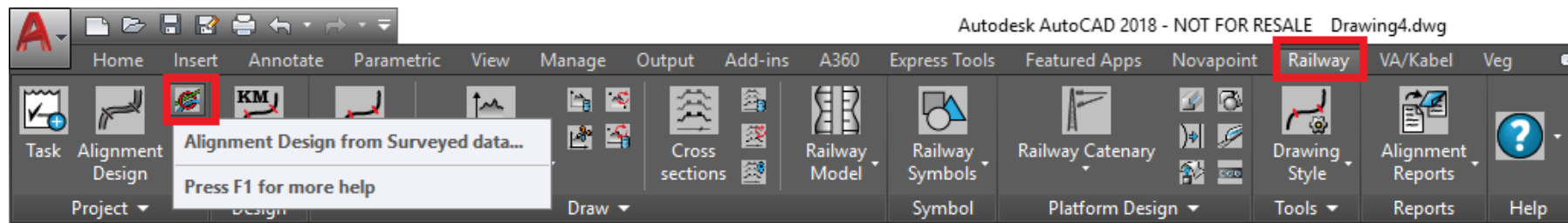
-> CSV

-> LANDXML/TIT-NYLP

SPW file (*.spw)
SPW file (*.spw)
KOF05 file (*.kof)
Lifting scheme (*.lft)
Offset table (*.alc)
Comma separated file (*.csv)
NovaPOINT file (*.tit)
POINT file (*.lin)
Intergraph file (*.dat)
NYLP file (*.nyl)
NADB file (*.ndb)
XRoad file (*.txt)
WinALC Geo file (*.geo)
WinALC Ver file (*.ver)
GEDO Office TDT file (*.tdt)
GEDO Office HDT file (*.hdt)
GEDO Office UDT file (*.udt)
All GEDO Office files (*.*)
All reports (*.*)

# NovaTrack

Åpnes fra AutoCAD under Railway:



## Tilleggsfunksjonalitet i forhold til NovaRehab:



# NovaTrack - DEMO





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