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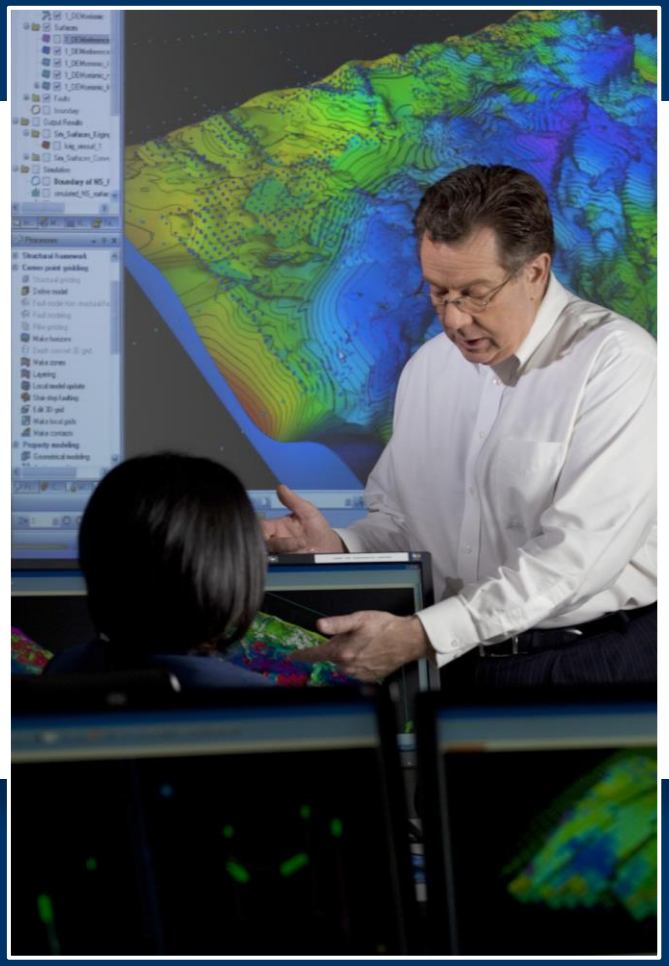
Petrel Geophysics
Module 1: Project setup and data preparation

Schlumberger-Private

Module 1: Project setup and system settings



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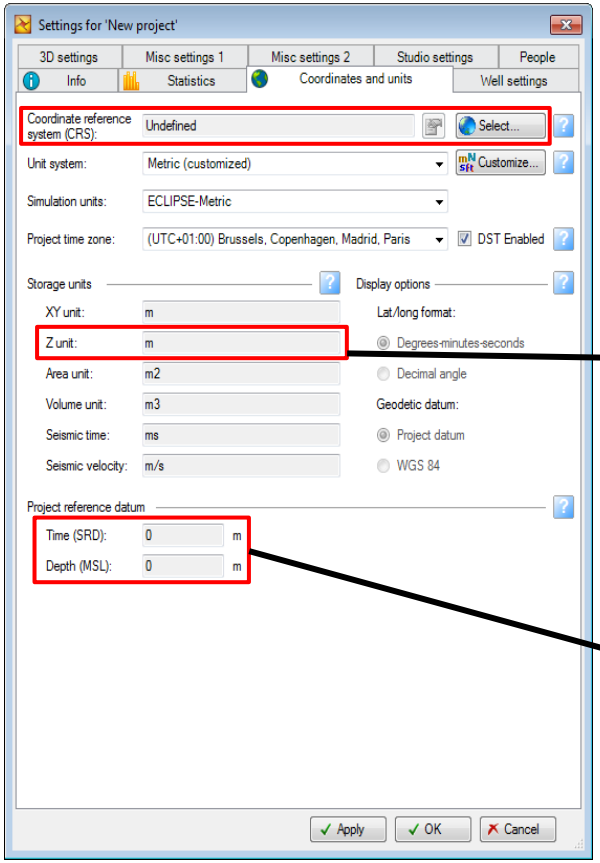
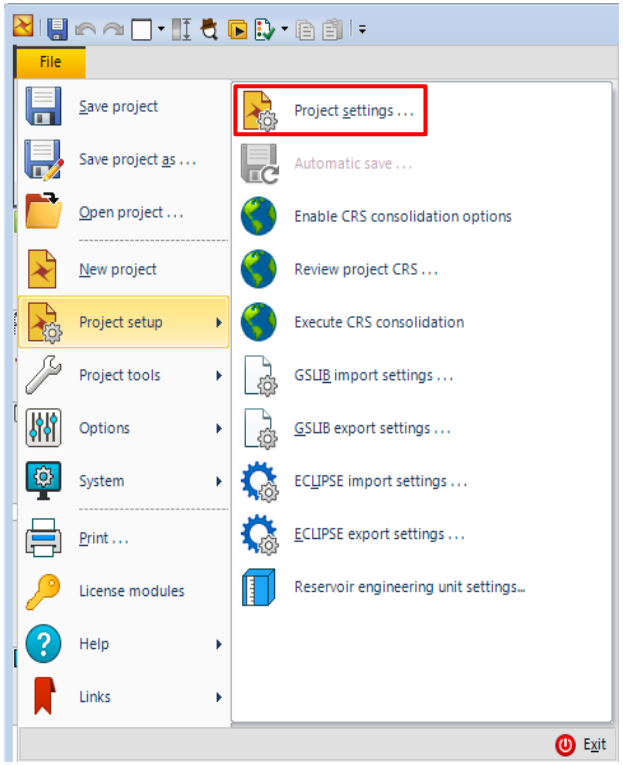
Set up project and system settings



To specify the coordinate reference system and unit system, on the **File** tab, click Project setup and click ***Project settings***.

Defined by CRS choice.

Defined in the reference datum Settings.



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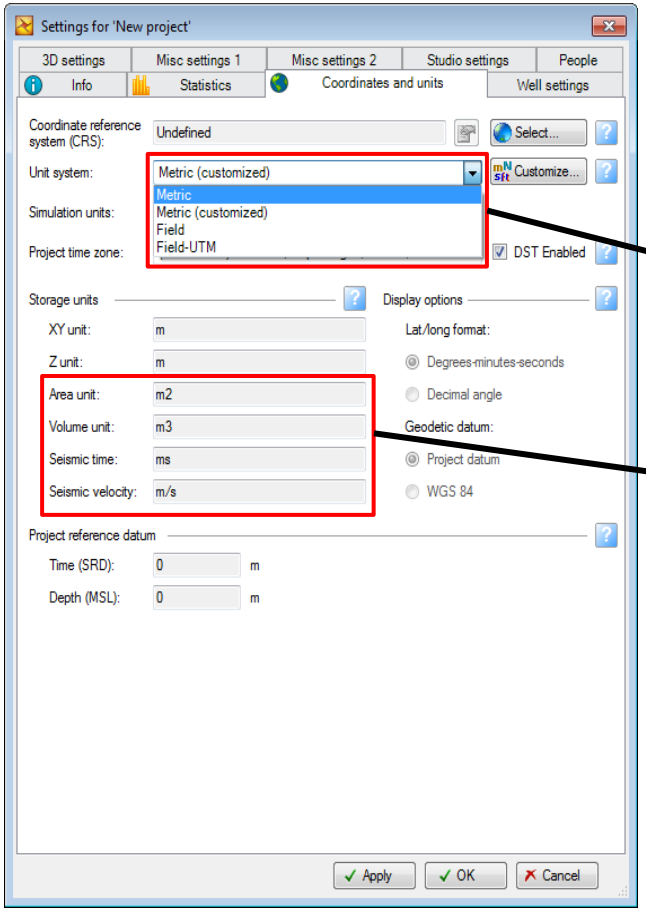
Unit system settings



From the **Project settings** dialog box, you can select Unit system.

Unit system options in **Petrel**.

Defined by Unit system choice.

Note: Units must be set correctly when importing data. There is no automatic unit conversion except when importing data.

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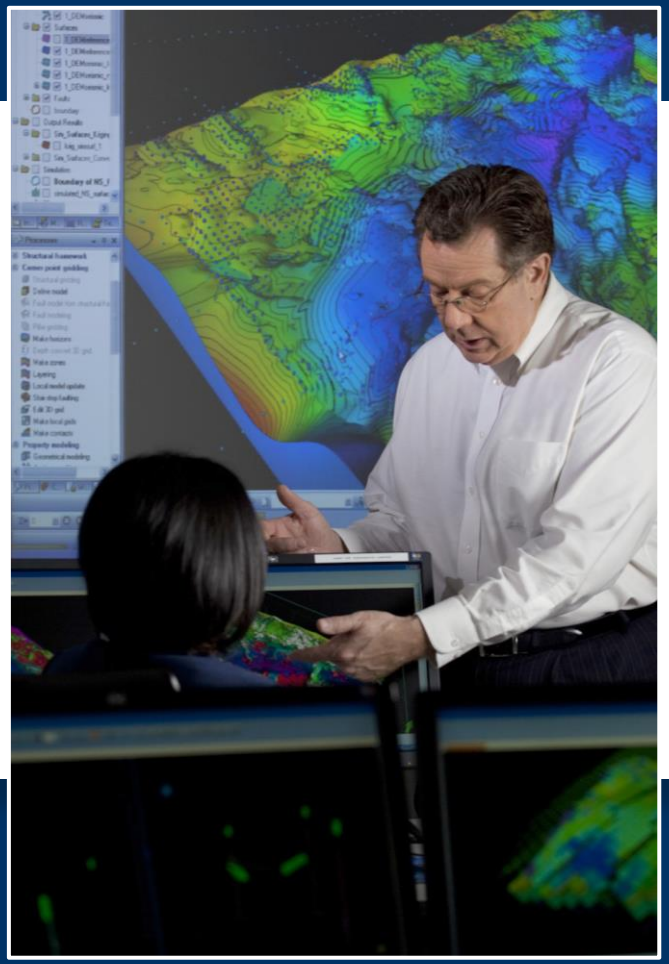
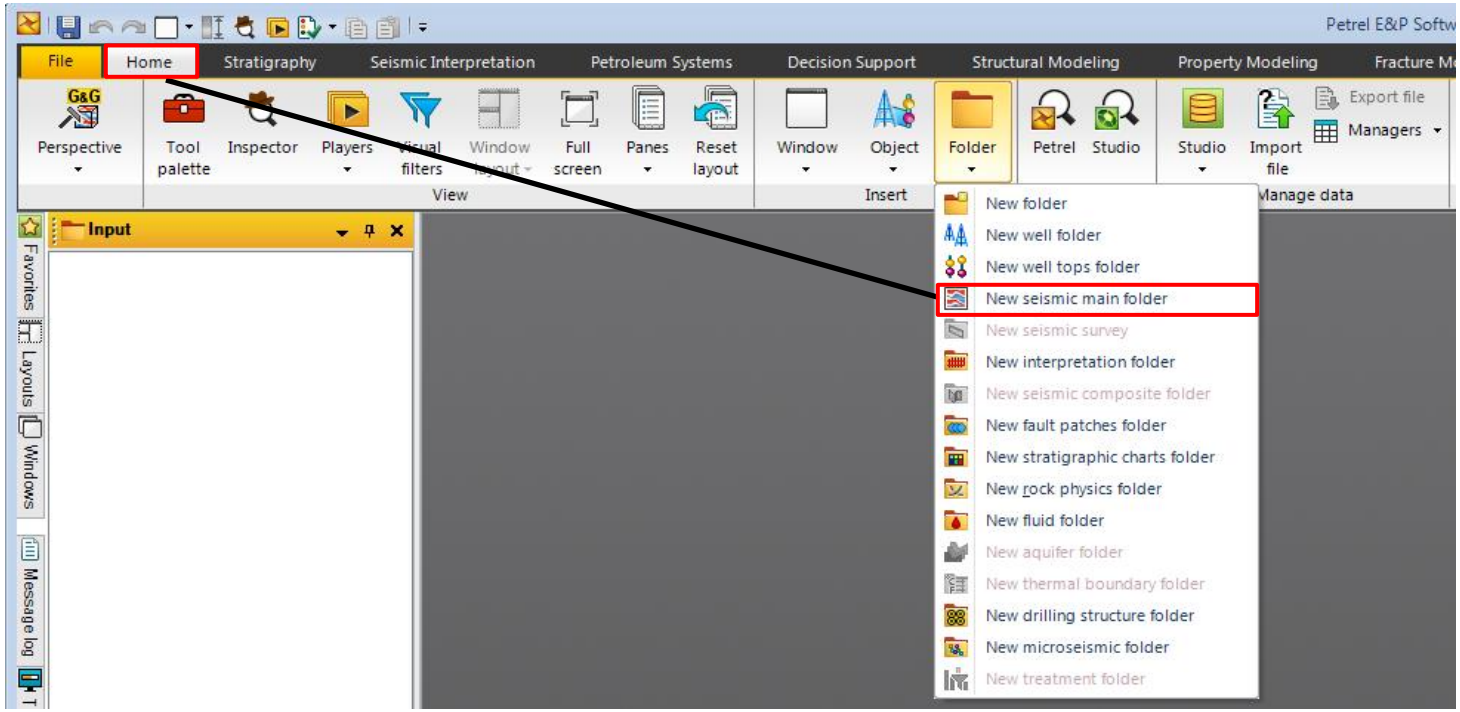
Module 2: Seismic data loading



Seismic main folder (1)

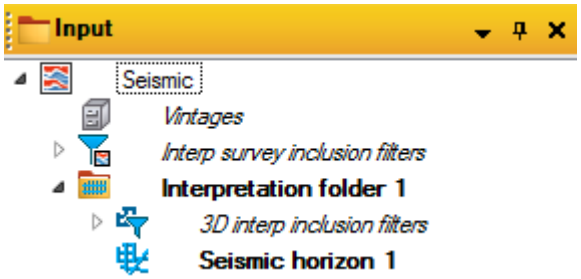
1. On **Home** tab, in the **Insert** group, click *Folder*, then click *New seismic main folder*.



Seismic main folder (2)

The new folder is stored in the **Input** pane with predefined subfolders:

- Vintages
- Interp survey inclusion filters
- Interpretation folder with an active seismic horizon.

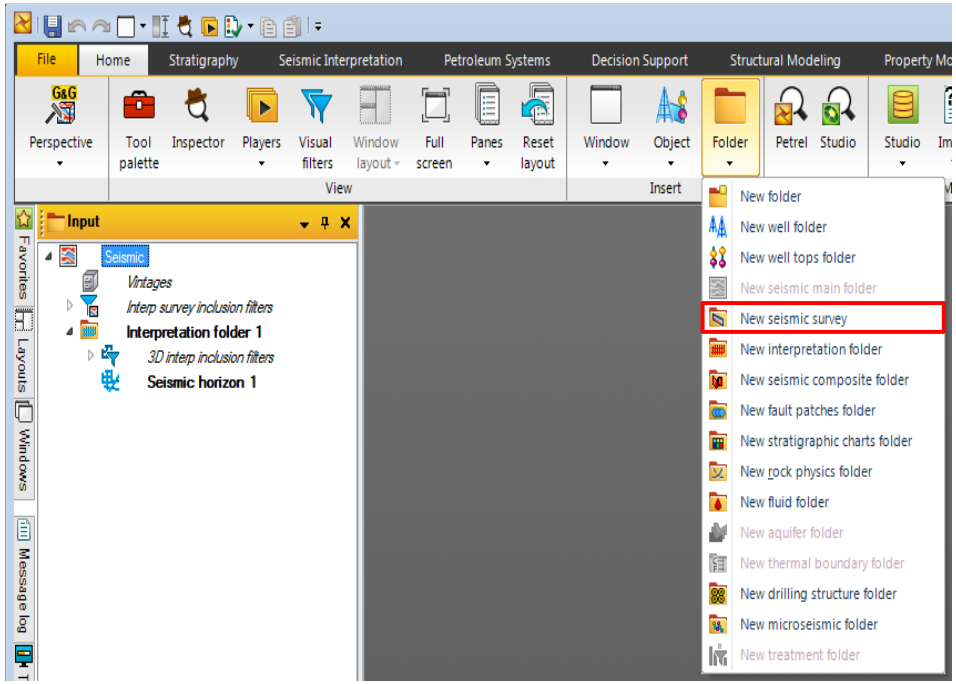


Insert a seismic survey folder so you can import seismic data.

- On the **Home** tab, click *Folder* and click *New Seismic survey*.

  OR

- Right-click the *Seismic* main folder and click *New seismic survey*.



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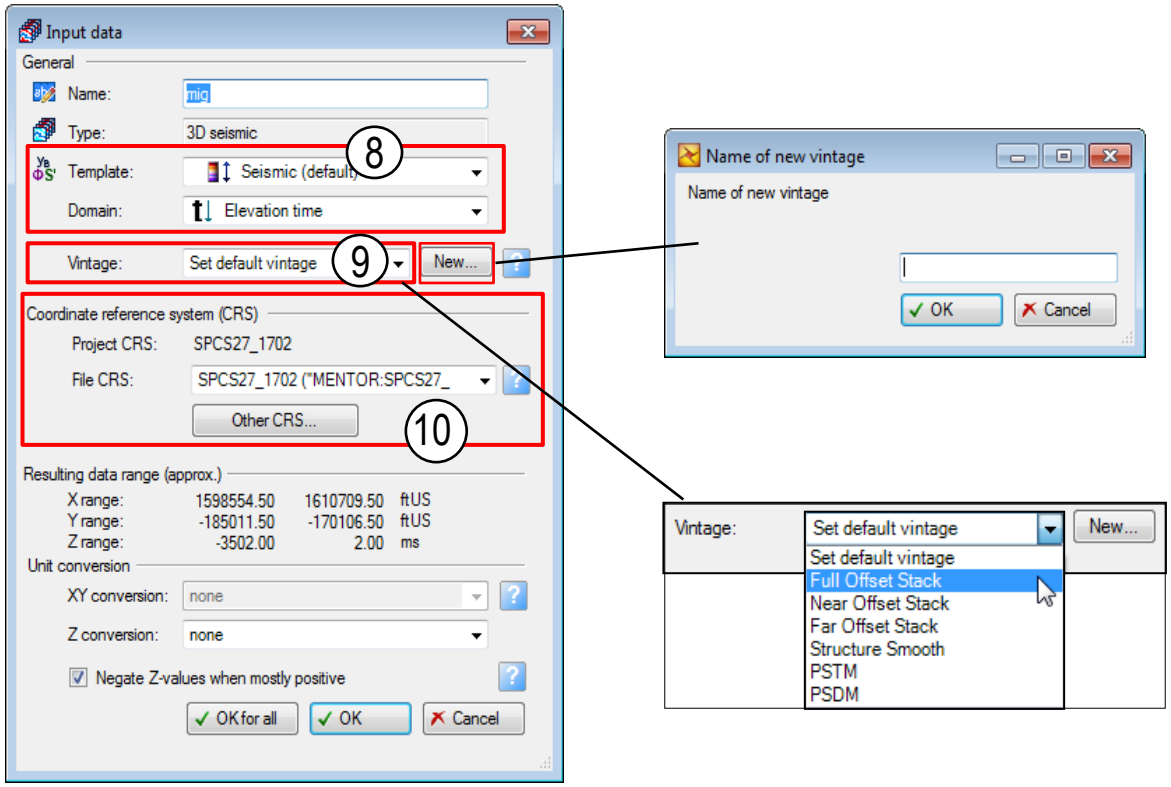
Load seismic data (3)

In the **Input data** dialog box, choose a color template and a domain.

Create or/add a Vintage.

Specify the CRS of the loaded seismic if it differs from the project CRS.



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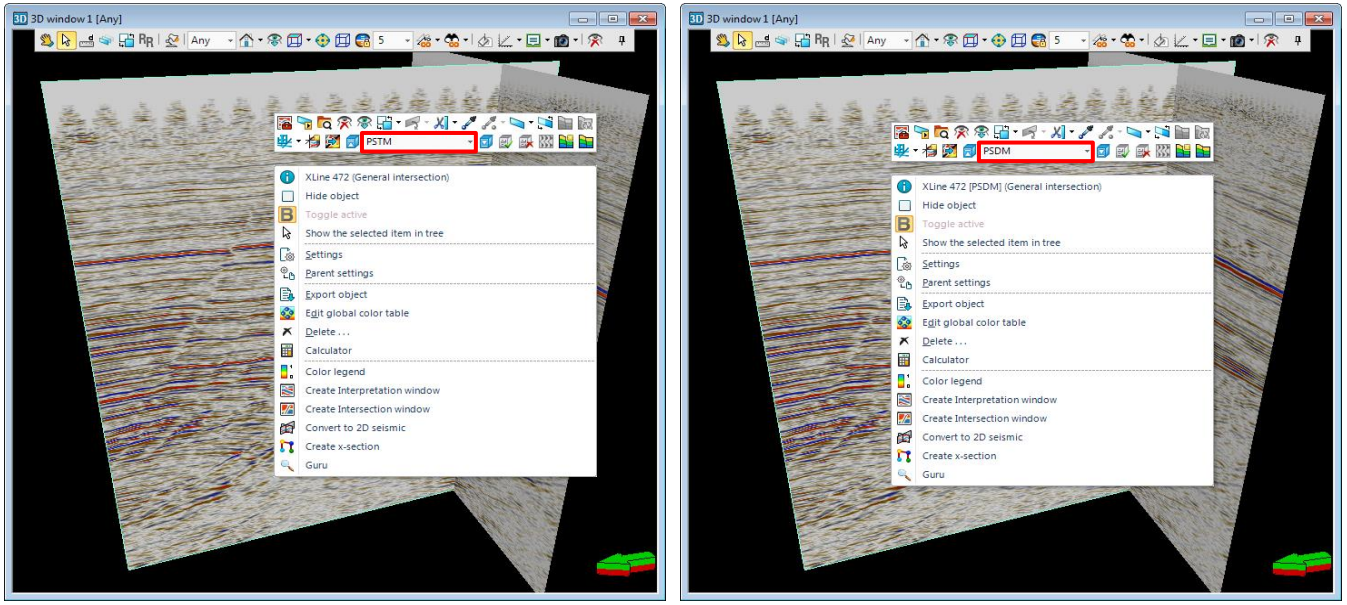
Seismic vintages

- Vintages are different versions of the same seismic data.
- A vintage is an independent seismic type; 3D cubes and 2D lines can have the same vintage.



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Exercise: Set up a project and prepare data