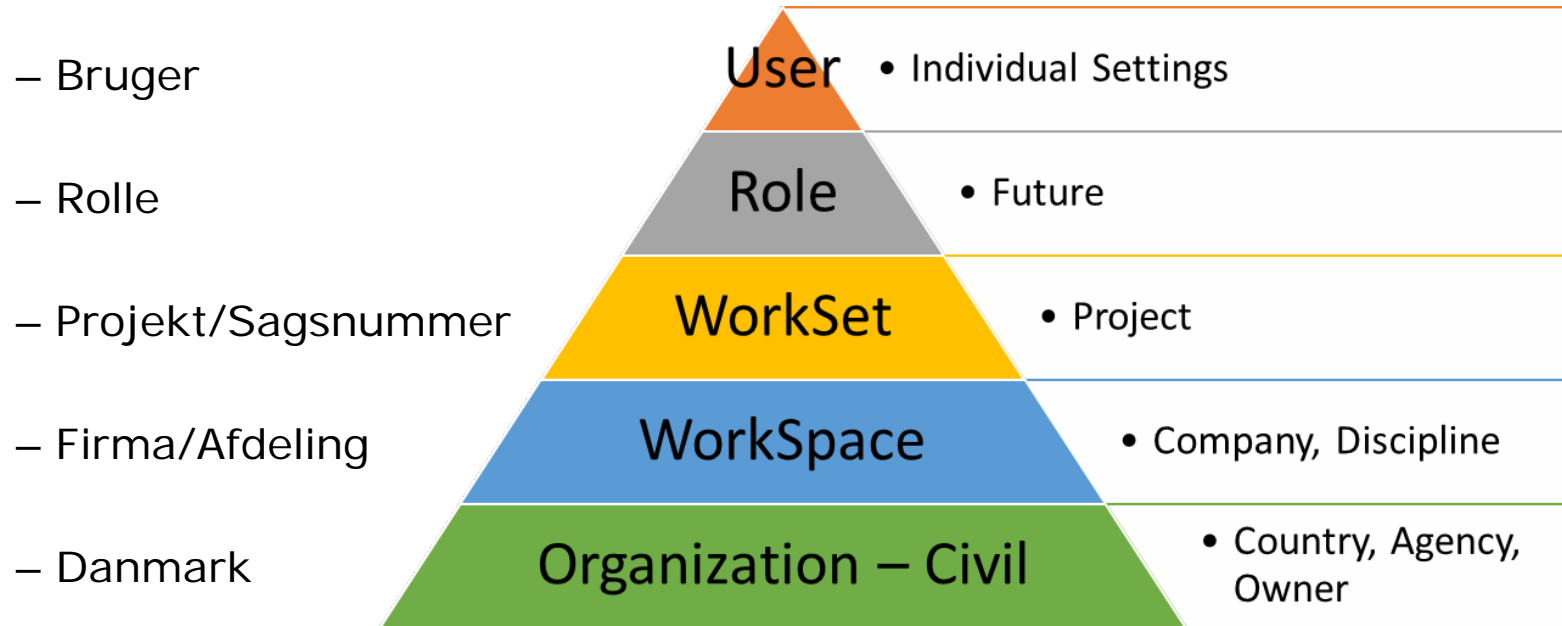


How to use the Danish workspace

- The Danish dataset for OpenRoads Designer can easily be installed to your C-drive in a single-user-setup.
But what do you do when you have a complex server-environment?
Join this session to learn how to adapt the Danish workspace to your company workspace.

WorkSpace – Structure

- Workspace levels:



- Danish Country Kit for ORD:

- **Organization – Civil** = Denmark Standards
- **WorkSpace** = BentleyUserDK or <Company name>
- **WorkSet** = your company standard for project naming/numbering

What to do

- Download the software
- Download the Danish dataset
- Install ORD/ORLD
- Installing the Danish dataset
 - Unzip (or run msi and move files)
 - Change configuration files
 - Putting WorkSpace in place
 - Creating a company WorkSpace
 - Creating a WorkSet template
 - Changing the WorkSet template
 - Adding Bentley Training material
- Creating a new WorkSet
- Using the workspace levels

Download the software

- Bentley Software Downloads:
 - OpenRoads Designer CE Update 5, V.10.05.00.30 (2018-10-02)
 - OpenRail Designer CE Update 5, V.10.05.00.30 (2018-10-03)



Software Downloads

- ▼ Product Line
 - ✔ Civil Design (12)
- ▶ Brand
- ▼ Generation
 - ✔ CONNECT Edition (12)
- ▼ Release Type
 - ✔ General Availability (12)
- ▼ Language
 - ✔ English (12)
- ▶ Deliverable Type
- ▶ Application Architecture
- ▶ Date

OpenRail Designer
CONNECT implementation of rail design product line that consolidates Bentley Rail Track, Bentley Rail Track Suite, PowerRail Track into OpenRail Designer.

▶ [All Downloads](#)

OpenRoads ConceptStation
Jump-start your projects by rapidly creating conceptual designs and improving the decision-making process. OpenRoads ConceptStation offers roadway and bridge design capabilities to help road and land ... [More >](#)

▶ [All Downloads](#)

OpenRoads Designer
OpenRoads Designer is a new application that replaces the capabilities in InRoads, GEOPAK, MX, PowerCivil for Civil, and GeoMacao product lines with a single offering. OpenRoads Designer is built on O... [More >](#)

▼ [All Downloads](#)

<input checked="" type="checkbox"/>	OpenRoads Designer CONNECT Edition x64 (English)	10.05.00.30	10/02/2018	1 MB	↓
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	Product Download	Version	Date	Size	Download
▶	<input type="checkbox"/> OpenRoads Designer CONNECT Edition Dataset x64 Denmark (English)	10.05.00.30	11/01/2018	534 MB	↓

Download the Danish dataset

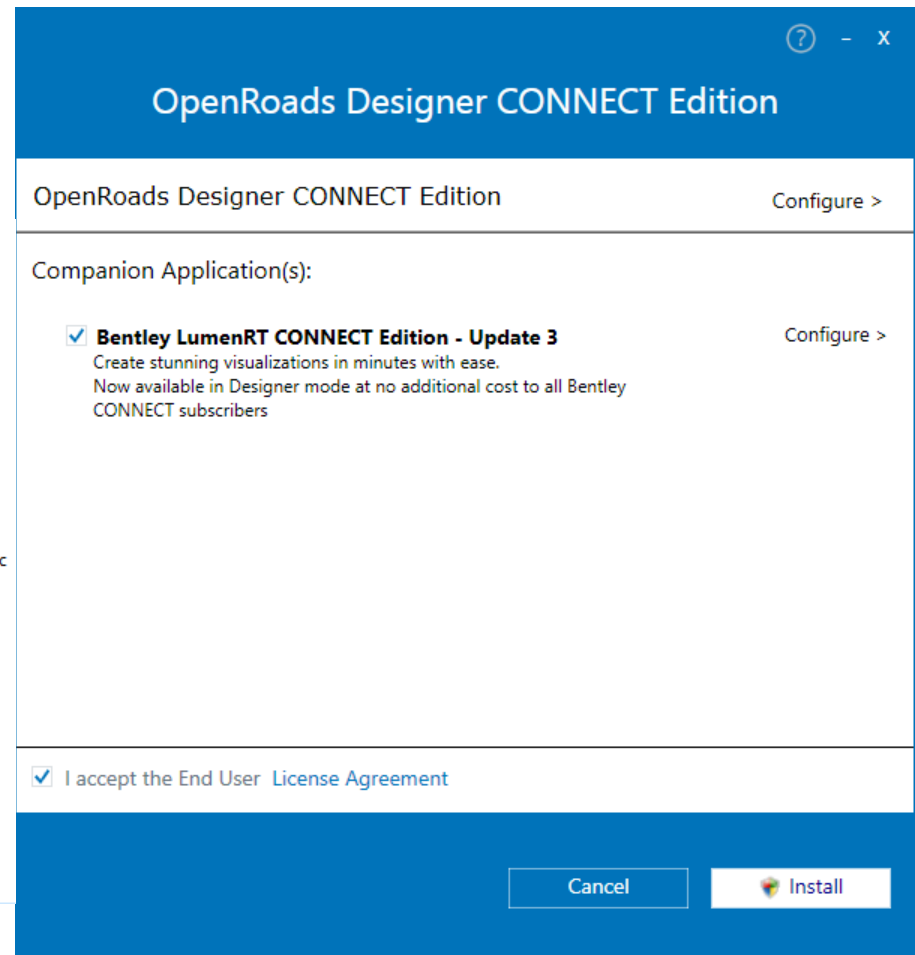
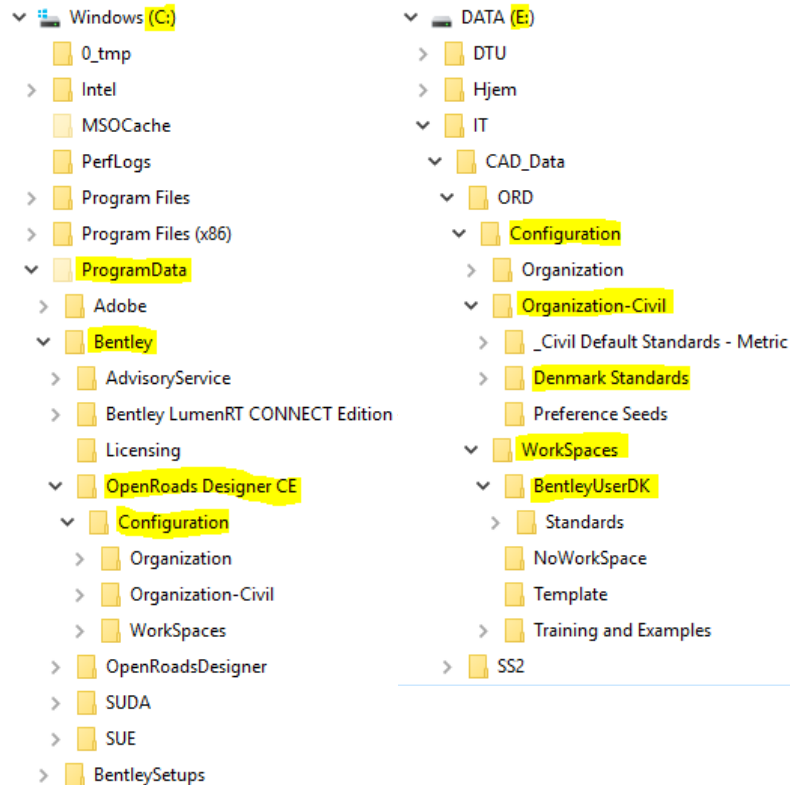
- Bentleyuser.dk > Standarder > Download > OpenRoads:
 - Danish dataset for ORD (2018-10-11)
 - List of files in the Danish dataset for ORD (2018-10-11)

The screenshot shows the Bentleyuser.dk website interface. The navigation menu includes 'Forside', 'Foreningen', 'Nyheder', 'Kalender', 'Standarder', 'Kontakt', 'Min konto', and 'Årsmøde 2018'. The 'Standarder' menu is open, showing options like 'Udvalg', 'Download', 'Referater', 'Dokumenter', and 'Links'. The 'Download' option is highlighted, and a sub-menu is visible with 'MicroStation', 'InRoads', and 'OpenRoads' options. The 'OpenRoads' option is also highlighted. Below the navigation, the page title is 'OpenRoads Designer dansk dat'. There are buttons for 'View', 'Edit', and 'Track'. The main content area is titled 'OpenRoads Designer materiale' and contains text about standards compatible with MicroStation Connect and OpenRoads Designer CE. Below this, there is a table listing attachments.

Attachment	Size
List of files in the Danish dataset for ORD - 2018-10-11	86.51 KB
Danish dataset for ORD - 2018-10-11	128.99 MB

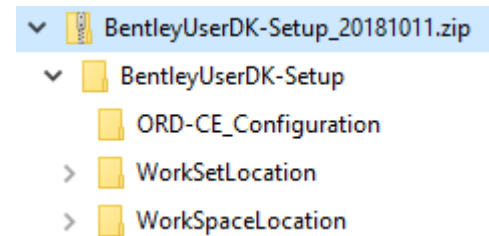
Install ORD/ORLD

- Click *Configure* to select another location than C: for your workspace-configuration



Installing the Danish dataset - Unzip

- Unzip [BentleyUserDK-Setup_20181011.zip](#) (in a neutral place)



- If needed, check the list of files for newer files

Name	Date	Size	Type
BentleyUserDK-Setup.exe	2018-10-11 10:11:11	10,235,456	Application
ORD-CE_Configuration	2018-10-11 10:11:11	1,234,567	Folder
WorkSetLocation	2018-10-11 10:11:11	1,234,567	Folder
WorkspaceLocation	2018-10-11 10:11:11	1,234,567	Folder

Name	Date	Size	Type
BentleyUserDK-Setup.exe	2018-10-11 10:11:11	10,235,456	Application
ORD-CE_Configuration	2018-10-11 10:11:11	1,234,567	Folder
WorkSetLocation	2018-10-11 10:11:11	1,234,567	Folder
WorkspaceLocation	2018-10-11 10:11:11	1,234,567	Folder

Installing the Danish dataset - Change configuration files

- If found, then rename the 2 CFG-files in [C:\ProgramData\Bentley\OpenRoads Designer CE\Configuration\](#) to *.org.
- From [\BentleyUserDK-Setup\ORD-CE_Configuration\](#) copy [ConfigurationSetup.cfg](#) and [WorkSpaceSetup.cfg](#) to [C:\ProgramData\Bentley\OpenRoads Designer CE\Configuration\](#) (or [C:\ProgramData\Bentley\OpenRail Designer CE\Configuration\](#))
- Open [ConfigurationSetup.cfg](#) and change the lines defining the configuration variables DK_CONFIG and DK_PROJECTS

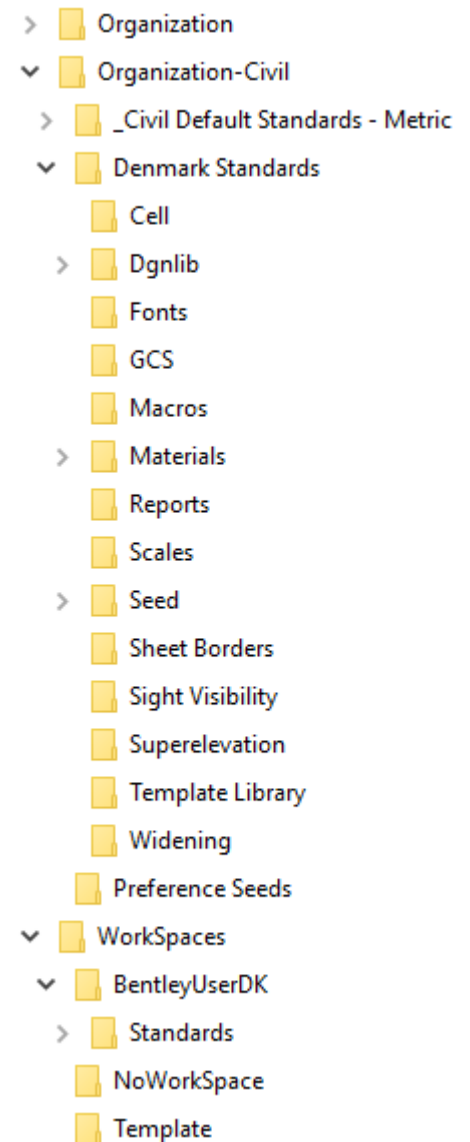
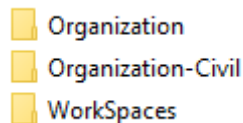
Example:

```
DK_PROJECTS = E:/VEX/Kunde/  
DK_CONFIG = E:/IT/CAD_Data/ORD/Configuration/  
DK_CONFIG_ORG-CIV = $(DK_CONFIG)Organization-Civil/
```

- DK_CONFIG must point to the server location for standards (Organization and WorkSpaces)
- DK_PROJECTS must point to the server location for projects (WorkSets)

Installing the Danish dataset - Putting WorkSpace in place

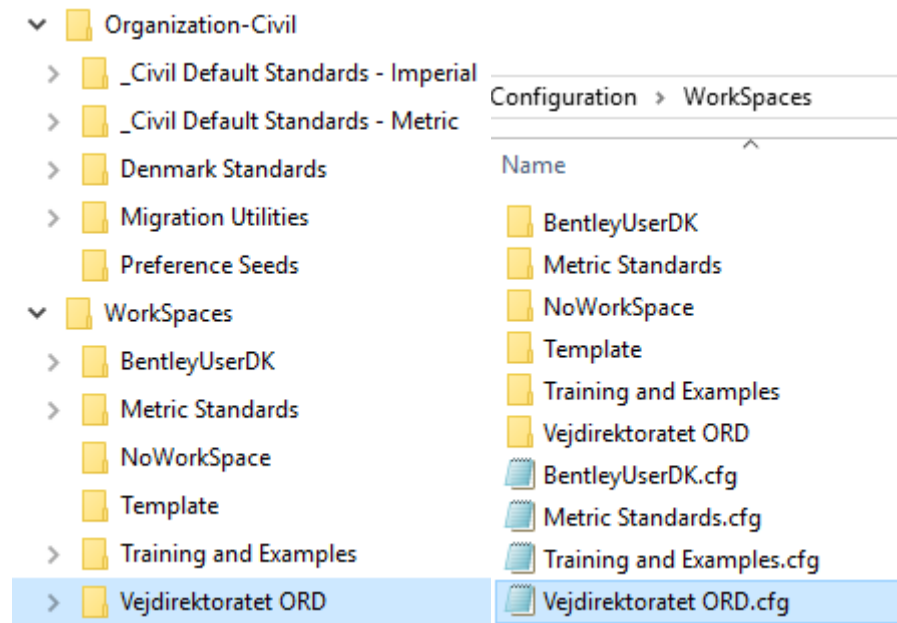
- From [\BentleyUserDK-Setup\WorkSpaceLocation\](#)) copy the 3 folders including their contents to the place where DK_CONFIG points to (e.g. [E:\IT\CAD_Data\ORD\Configuration\](#))



Installing the Danish dataset - Creating a company WorkSpace

- Large companies may prefer that the general WorkSpace is called something other than *BentleyUserDK* (e.g. *Vejdirektoratet ORD*)

- Optional:
- Copy the folder called BentleyUserDK in \Configuration\WorkSpaces\ to <Companyname>
- Copy the configuration file BentleyUserDK.cfg to <Companyname>.cfg
- In <Companyname>.cfg change nothing but the first lines



```

Vejdirektoratet ORD.cfg - Notepad
File Edit Format View Help
#-----#
# Workspace for Denmark Standards: Vejdirektoratet [redacted]
#-----#
USTN_WORKSPACEDESCR = Vejdirektoratet ORD # VEX / 2018-09-12
  
```

Installing the Danish dataset - Creating a WorkSet template

- Often you need new WorkSets to contain certain project-specific files (ITL, seed, sheets etc.) and folders
- Copy the contents (folder and cfg) of [\BentleyUserDK-Setup\WorkSetLocation\](#) to the place where DK_PROJECTS points to (e.g. [E:\VEX\Kunde\](#))
- This will give you a Project-template called "*Skabelon_til_nyt_projekt*"
- Copy project-specific files (ITL, seed, sheets etc.) into the sub-folders in *Skabelon_til_nyt_project*

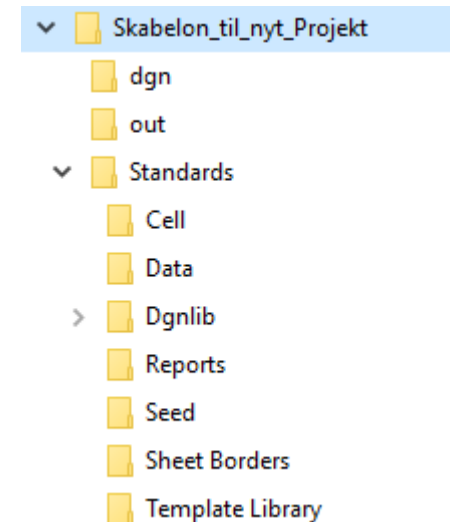
Installing the Danish dataset - Changing the WorkSet template

- If needed, change configuration variables (e.g. name of ITL, level-libraies to attach etc.) in [Skabelon_til_nyt_project.cfg](#)

```
# Attach most commonly used DDA levels libraries VEX/2018-04-16
# For Danish level descriptions remove "_Eng"
MS_DGNLIBLIST_LEVELS < $(CIVIL_ORGANIZATION_STANDARDS)Dgnlib/Feature Definitions/Level/DDA_TX_Eng.dgnlib
MS_DGNLIBLIST_LEVELS < $(CIVIL_ORGANIZATION_STANDARDS)Dgnlib/Feature Definitions/Level/DDA_TV_Eng.dgnlib
#MS_DGNLIBLIST_LEVELS < $(CIVIL_ORGANIZATION_STANDARDS)Dgnlib/Feature Definitions/Level/DDA_TR_Eng.dgnlib
#MS_DGNLIBLIST_LEVELS < $(CIVIL_ORGANIZATION_STANDARDS)Dgnlib/Feature Definitions/Level/DDA_TA_Eng.dgnlib
```

- The Bentley standard folders in a WorkSet are [dgn](#), [out](#) & [Standards](#)
- If your company prefers another set of project-folders
 - Create the subfolders in [\Skabelon_til_nyt_projekt\](#)
 - in [Skabelon_til_nyt_project.cfg](#), uncomment and change these lines:

```
#-----
# WorkSet sub folders                               2018-07-06/VEX
# Subfoldernames may be changed here
#-----
#_USTN_WORKSETSTANDARDS = $_(USTN_WORKSETROOT)Standards/
#_USTN_WORKSETDGNs     = $_(USTN_WORKSETROOT)Dgn/
#_USTN_OUT              = $_(USTN_WORKSETROOT)out/
#-----
```



Installing the Danish dataset - Adding Bentley Training material

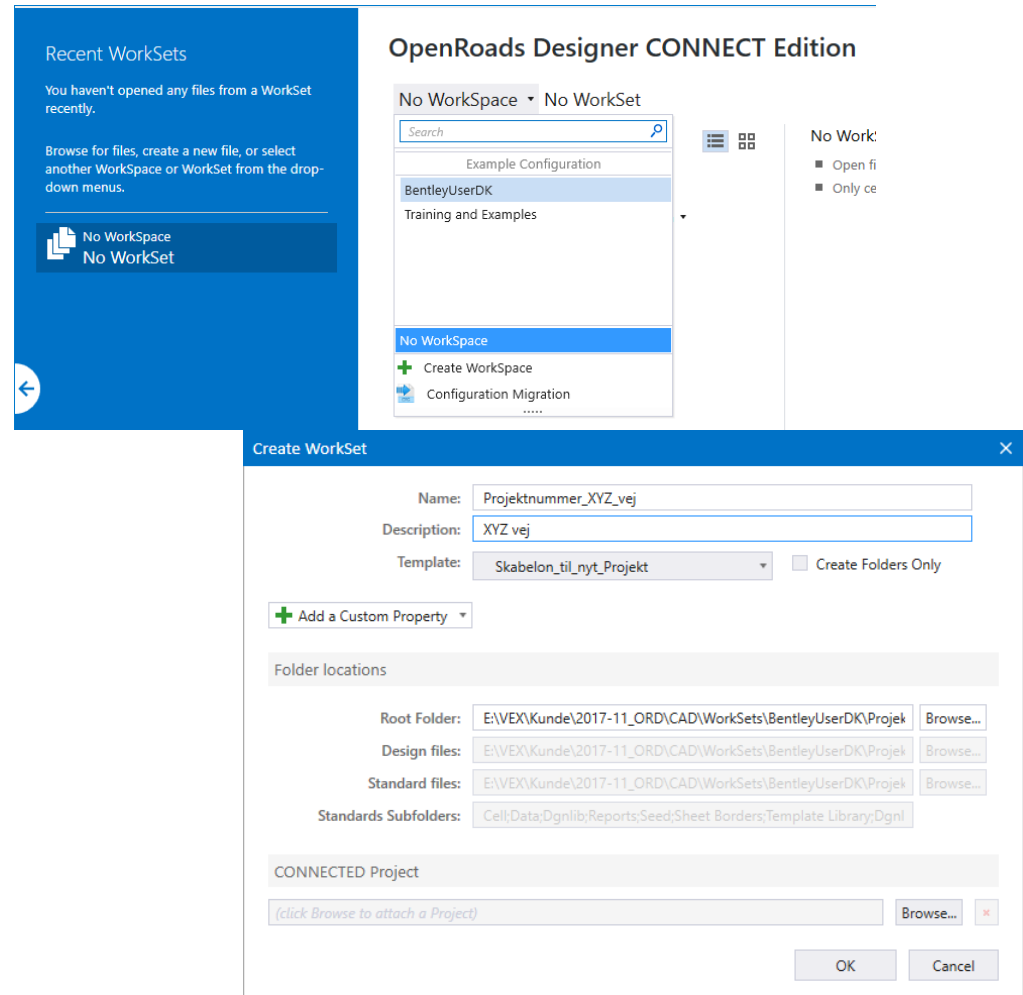
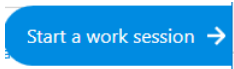
- If you also wish to have the WorkSet with Bentley Training material
- Copy the folder [Training and Examples](#) and the file [Training and Examples.cfg](#) from [C:\ProgramData\Bentley\OpenRoads Designer CE\Configuration\WorkSpaces\](#) to the place where DK_PROJECTS points to (e.g. [E:\VEX\Kunde\](#))

Done!



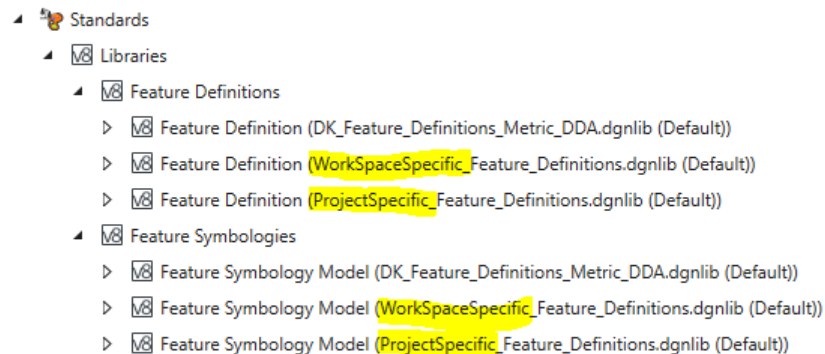
Creating a new WorkSet

- Start ORD/ORLD
- Choose *Start a work session*
- Click *No WorkSpace* and select *BentleyUserDK* (or e.g. *Vejdirektoratet ORD*) as WorkSpace
- Click *Create a WorkSet*
- As *Template* select *Skabelon_til_nyt_Projekt*
- Click OK, and a new WorkSet is created based on the WorkSet template



Using the workspace levels

- As an example, if
 - E:\IT\CAD_Data\ORD\Configuration\Organization-Civil\Denmark Standards\Dgnlib\Feature Definitions\
contains DK_Feature_Definitions_Metric_DDA.dgnlib
(delivered standards)
 - E:\IT\CAD_Data\ORD\Configuration\WorkSpaces\<<Company>\ Standards\Dgnlib\Feature Definitions\
contains WorkspaceSpecific_Feature_Definitions.dgnlib
(general company standards)
 - Z:\<Projectname>\ Standards\Dgnlib\Feature Definitions\
contains ProjectSpecific_Feature_Definitions.dgnlib
(project standards)



That's it!

