MIKE
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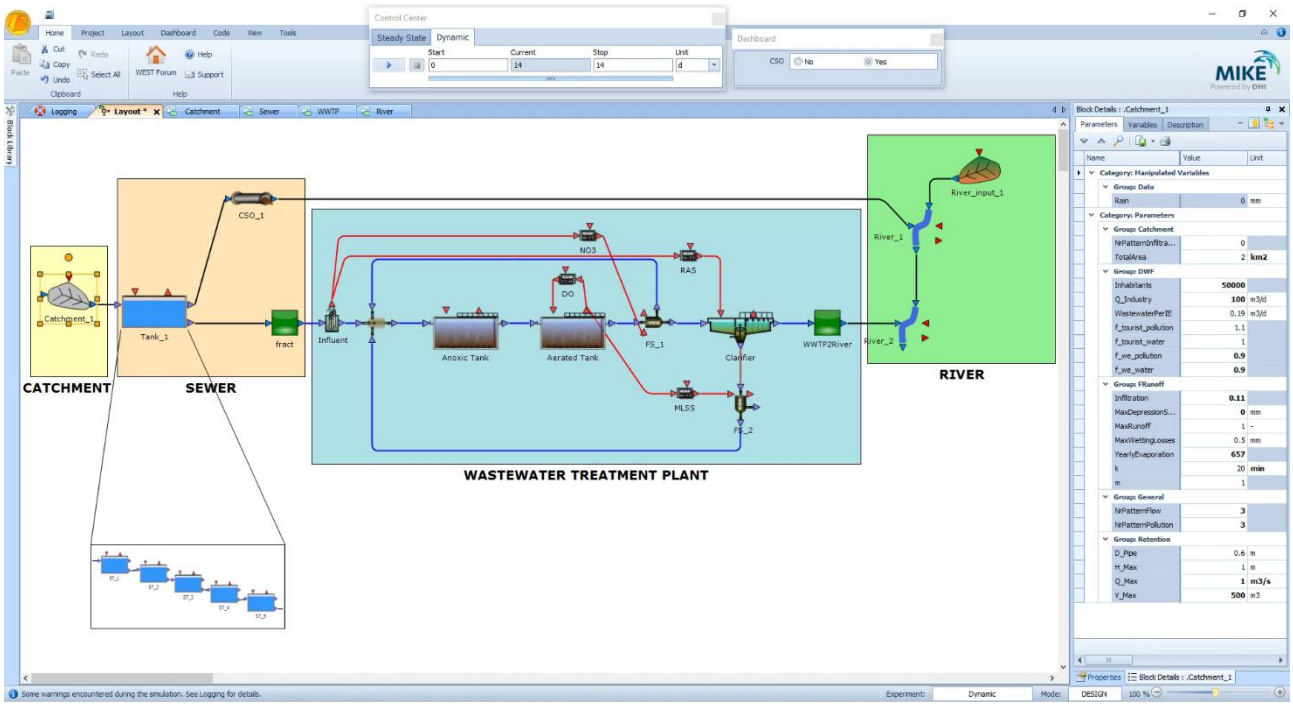

WEST

Installation Guide 2026

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1 Introduction

This installation guide covers the installation of WEST 2026 and required 3rd party software.

WEST 2026 is available as 64-bit version.

This guide describes the installation process for all the different deployment patterns and required associated 3rd party software.

Important information: Please be aware that all MIKE software (including the DHI License Manager) on the same computer must be installed with the same version. This is due to the dependencies between MIKE software products and our wish to use the latest and technically most advanced development systems.

2 Installation Prerequisites

WEST 2026 depends on some prerequisites as listed below:

1. Fully supported Windows operating systems:
   - Windows 11 Pro, version 23H2 (64 bit)
   - Windows 10 Pro, version 22H2 (64 bit)
   - Windows Server 2022, version 21H2

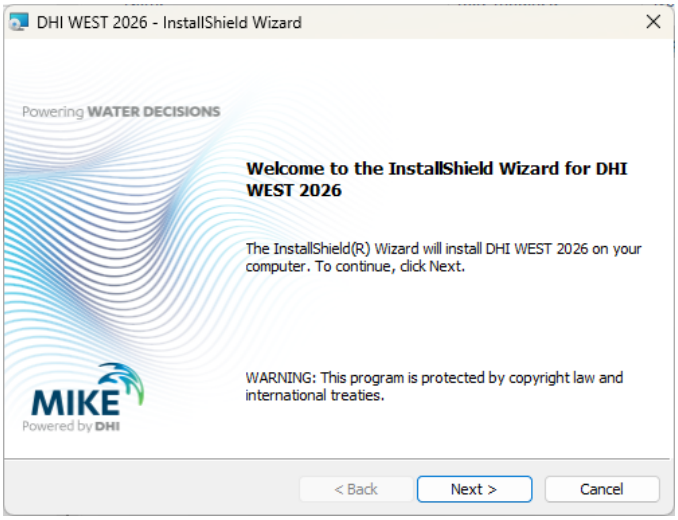
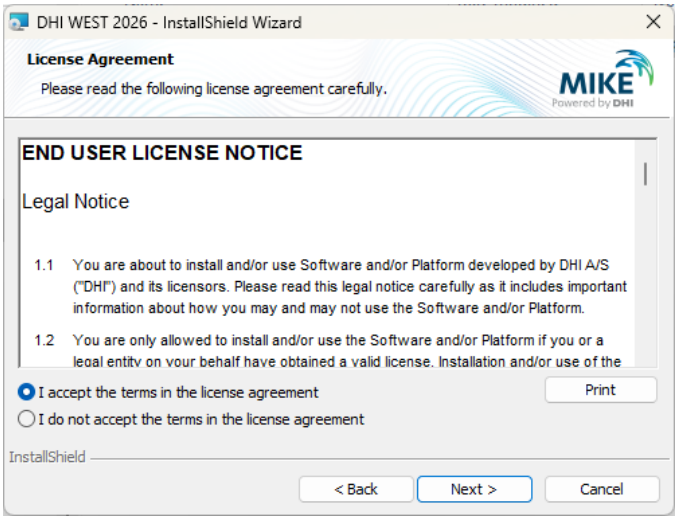
2. The DHI License Management application, to be downloaded and installed separately.

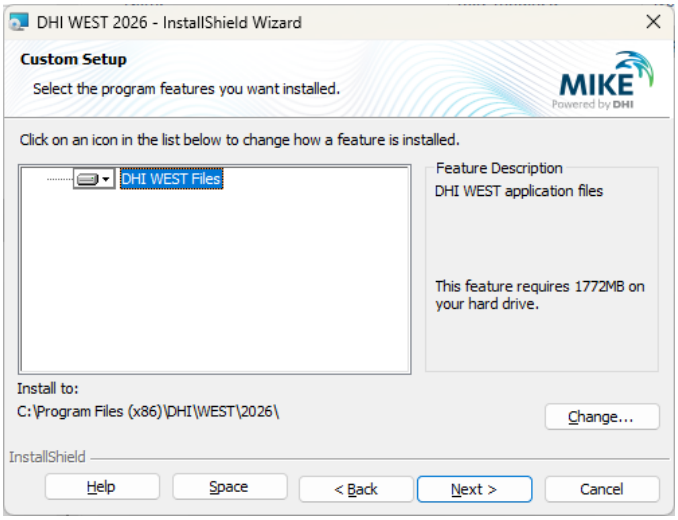
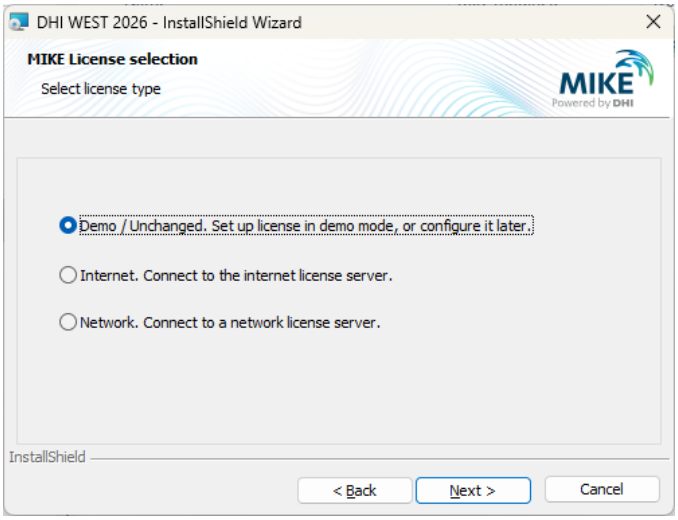
3. Microsoft .NET framework 4.7.2 or later

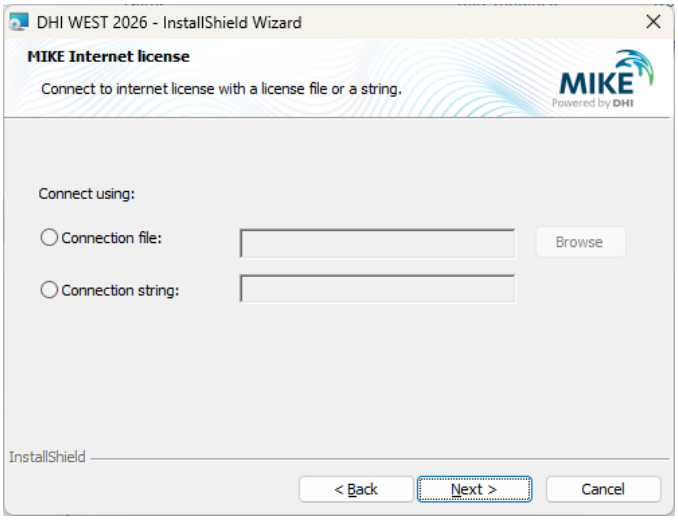
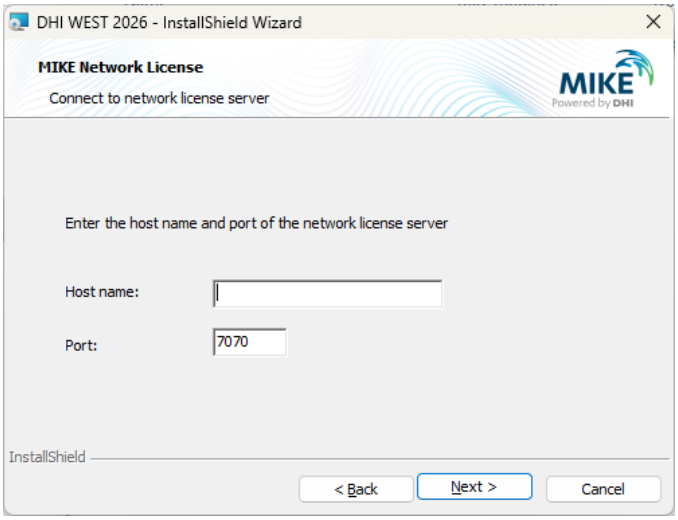
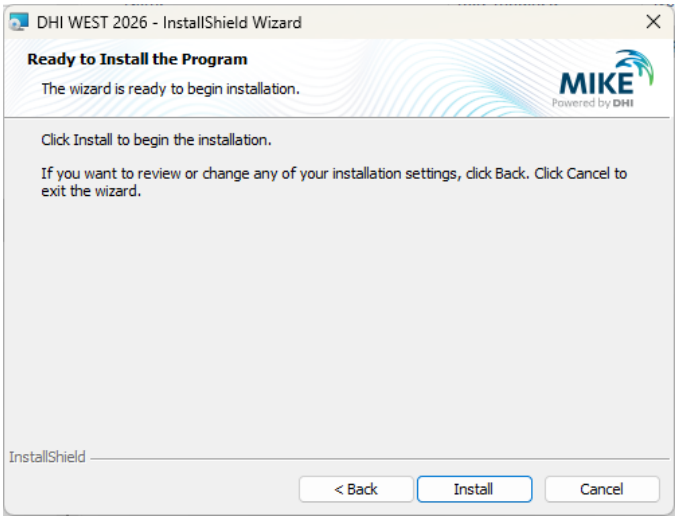
3 WEST Installation/Upgrade

WEST 2026 is installed by running the *Setup.exe* program included in the installation package.

The installation of the WEST is simple and requires no user interactions beyond accepting the license conditions and specifying the installation folder. The following table outlines the installation steps for WEST 2026.

Installation step	Screen
Run the setup.exe file from the installation media/download folder. *Note: Refer to the installation guide of the DHI License Manager for more information about features and license configuration.* **Click** Next	
Accept the license agreement **Click** Next	

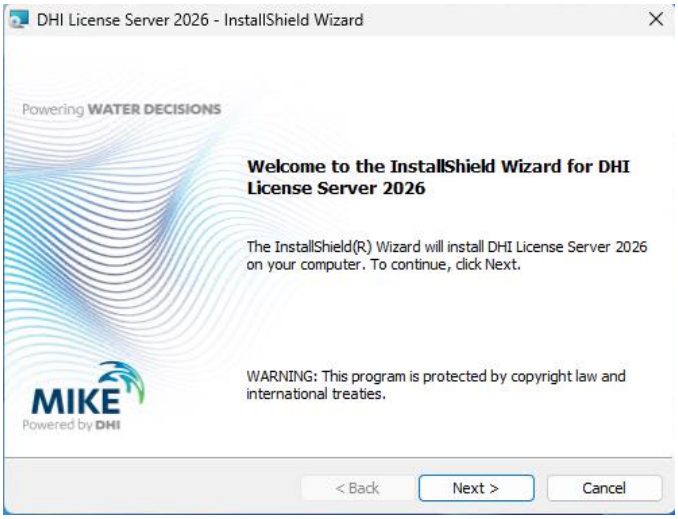
Installation step	Screen
Select the components to install. *Note: If desired, the user can select a different destination folder than the default one by clicking "Change"* **Click** Next	
Select the type of license available *Demo/Unchanged*: If the installation relies on a pre-existing license, or for testing of the software without a license. Selecting this method is the easiest for installation, as the license can be configured later, see DHI License Manager, in Chapter 4 below. *Internet:* Configuring an internet license using a connection file, or connection string, requires DHI License Manager to already be installed. *Network:* Configuring an internet license using host name and port, requires DHI License Manager to already be installed. **Click** Next	

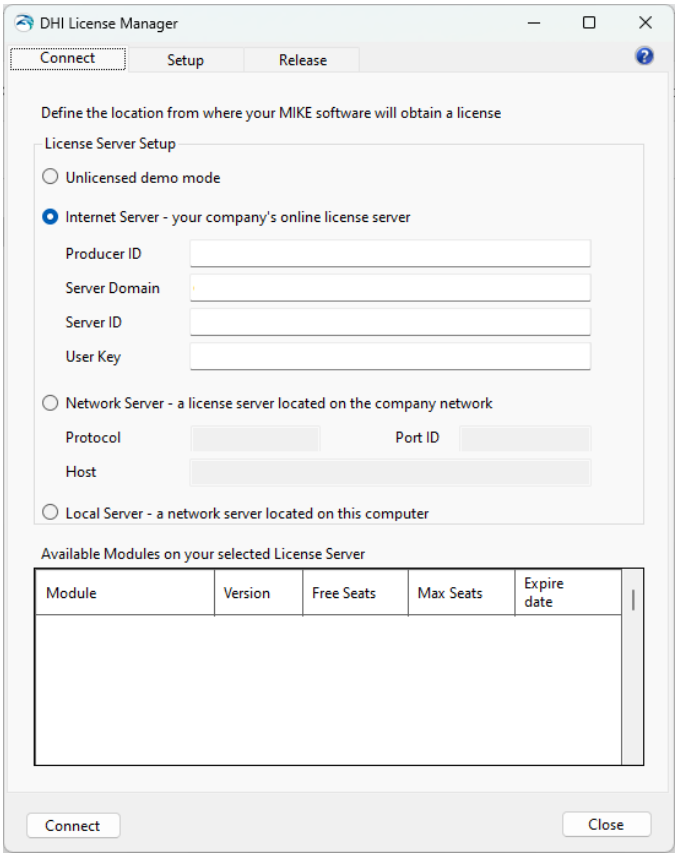
Installation step	Screen
***If 'Internet' is selected**: provide either a connection file, or a connection string to the DHI Internet License Server.* **Click** Next	
***If 'Network' is selected**: provide the host IP address or DNS address and port of the license server.* **Click** Next	
Launch the installation **Click** Install	

Installation step	Screen
Click Finish	

4 DHI License Manager

The DHI license is handled through the DHI License Management software, which is installed by running the *Setup.exe* program included in the DHI License installation package.

Installation step	Screen
Run the setup.exe file from the installation media/download folder.	
Accept the license agreement	
Once installed, **Open** the DHI License Management program in the start menu as **administrator** *(right click and select the option 'Run as Administrator')*	

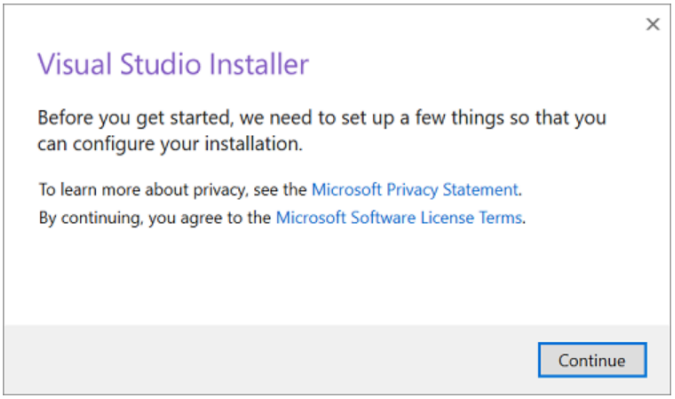
Installation step	Screen
There are three options: • Unlicensed demo mode • Internet Server • Network Server User-specific license details will be sent to users from DHI Entitlement Portal. Click the **Help** button, for more information or contact your local MIKE Sales representative.	

5 Optional installation and use of external compiler

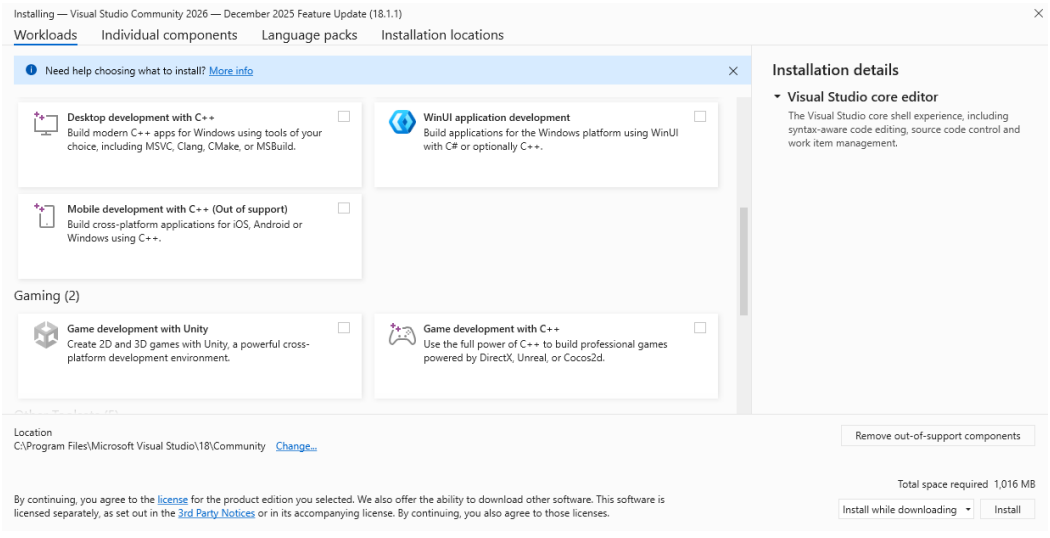
The default compiler included in the WEST installer is Zig but the user has the option to install and activate a different compiler such as Microsoft Visual C++ (VC++) compiler, which is available as part of Visual Studio Community 2022 (or later) suite.

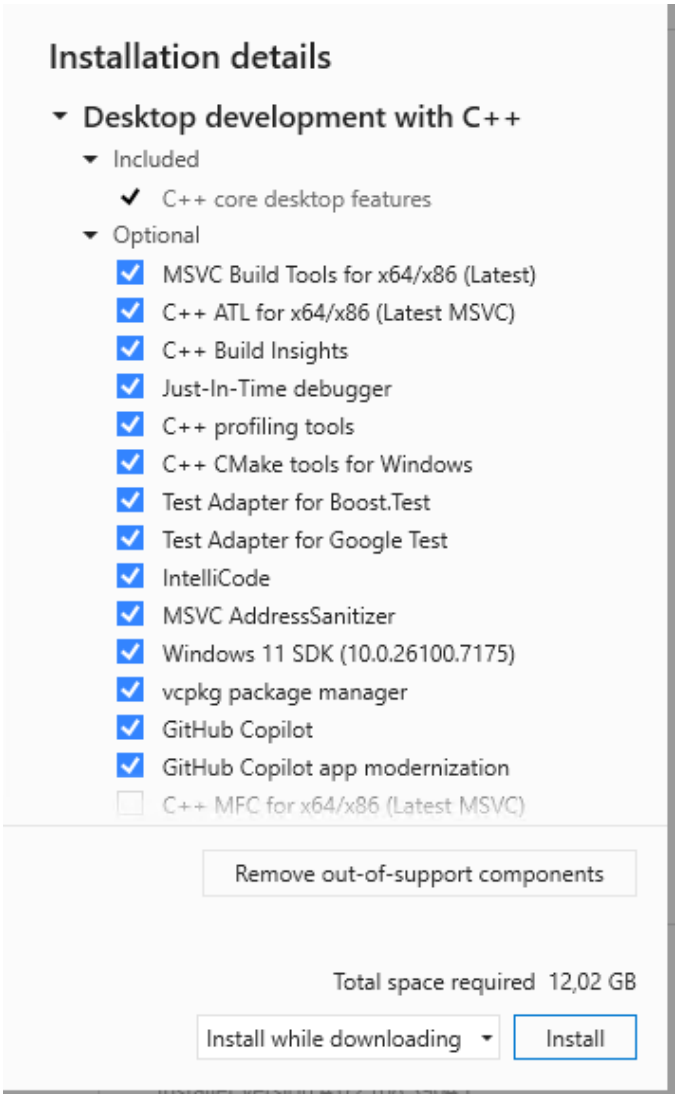
5.1 Visual Studio Community 2022 (or later) Installation

Download Visual Studio Community from https://visualstudio.microsoft.com/downloads/ and launch the installation by running *vs_community.exe*.

Instructions	Screen
Read Privacy Statement and accept License Terms. *Disclaimer: by accepting Microsoft Software License Terms, the user confirms to comply with terms of use of Visual Studio Community products as 3rd party components.* *License terms can also be found here: https://visualstudio.microsoft.com/license-terms/mlt031819/*	

Select the workload **Desktop development with C++**

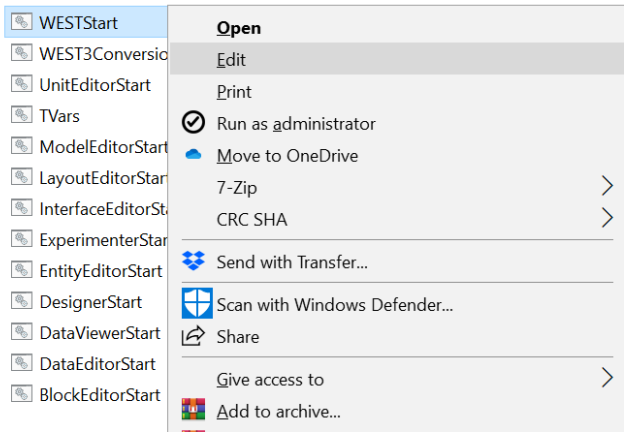


Instructions	Screen
In the Installation Details (right hand panel) **select all** Optional features available to ensure installation of build tools and Windows SDK **Click** Install	

Once the installation is completed, all components can be retrieved in the folder *C:\Program Files\Microsoft Visual Studio\18\Community*

5.2 Use of alternative compiler

In order to enable the alternative C-compiler, you need to modify the automatically generated batch file **WESTStart.bat** located in the folder …\Public\Documents\DHI\WEST\2026\bin.

Instructions	Screen
Right click on **WESTStart.bat** and **Edit**	
Add the following statement as first line: **CALL " C:\Program Files\Microsoft Visual Studio\18\Community\VC\Auxiliary\Build\vcvars64.bat"** Mind the use of " " quotes. *Note: The path to vcvars64.bat file may differ depending on the version of Visual Studio installed (in this case, it refers to 2026 version)*	CALL " C:\Program Files\Microsoft Visual Studio\18\Community\VC\Auxiliary\Build\vcvars64.bat" SET INCLUDE=%INCLUDE%;C:\Program Files (x86)\DHI\WEST\2026\include SET LIB=%LIB%;C:\Program Files (x86)\DHI\WEST\2026\lib\win64-msvc;C:\Program Files (x86)\DHI\WEST\2026\third_party\zig\lib SET PATH=C:\Program Files (x86)\DHI\WEST\2026\bin\x64;C:\Program Files (x86)\DHI\WEST\2026\bin;C:\Program Files (x86)\DHI\WEST\2026\third_party\zig;C:\Program Files (x86)\DHI\WEST\2026\third_party\clang-cpp\bin;C:\Program Files (x86)\DHI\WEST\2026\third_party\omc\bin;%PATH% SET TORNADO_CC_PLATFORM=zig SET TORNADO_CC_PATH= SET TORNADO_DATA_PATH=C:\Users\Public\Documents\DHI\WEST\2026 SET TORNADO_ROOT_PATH=C:\Program Files (x86)\DHI\WEST\2026 SET OPENMODELICAHOME=C:\Program Files (x86)\DHI\WEST\2026\third_party\omc START DHI.WEST.exe %* EXIT
In SET TORNADO_CC_PLATFORM, replace **zig** by **win64-msvc**	CALL "C:\Program Files (x86)\Microsoft Visual Studio\2022\Community\VC\Auxiliary\Build\vcvars64.bat" SET INCLUDE=%INCLUDE%;C:\Program Files (x86)\DHI\WEST\2026\include SET LIB=%LIB%;C:\Program Files (x86)\DHI\WEST\2026\lib\win64-msvc;C:\Program Files (x86)\DHI\WEST\2026\third_party\zig\lib SET PATH=C:\Program Files (x86)\DHI\WEST\2026\bin\x64;C:\Program Files (x86)\DHI\WEST\2026\bin;C:\Program Files (x86)\DHI\WEST\2026\third_party\zig;C:\Program Files (x86)\DHI\WEST\2026\third_party\clang-cpp\bin;C:\Program Files (x86)\DHI\WEST\2026\third_party\omc\bin;%PATH% SET TORNADO_CC_PLATFORM=win64-msvc SET TORNADO_CC_PATH= SET TORNADO_DATA_PATH=C:\Users\Public\Documents\DHI\WEST\2026 SET TORNADO_ROOT_PATH=C:\Program Files (x86)\DHI\WEST\2026 SET OPENMODELICAHOME=C:\Program Files (x86)\DHI\WEST\2026\third_party\omc START DHI.WEST.exe %* EXIT

Optionally, if faster compilation at the expense of slower simulation is desired, add the following to WESTStart.bat: **SET TORNADO_CC_OPTIMIZE=no**	CALL "C:\Program Files (x86)\Microsoft Visual Studio\2022\Community\VC\Auxiliary\Build\vcvars64.bat" SET INCLUDE=%INCLUDE%;C:\Program Files (x86)\DHI\WEST\2026\include SET LIB=%LIB%;C:\Program Files (x86)\DHI\WEST\2026\lib\win64-msvc;C:\Program Files (x86)\DHI\WEST\2026\third_party\zig\lib SET PATH=C:\Program Files (x86)\DHI\WEST\2026\bin\x64;C:\Program Files (x86)\DHI\WEST\2026\bin;C:\Program Files (x86)\DHI\WEST\2026\third_party\zig;C:\Program Files (x86)\DHI\WEST\2026\third_party\clang-cpp\bin;C:\Program Files (x86)\DHI\WEST\2026\third_party\omc\bin;%PATH% SET TORNADO_CC_PLATFORM=win64-msvc SET TORNADO_CC_PATH= SET TORNADO_CC_OPTIMIZE=no SET TORNADO_DATA_PATH=C:\Users\Public\Documents\DHI\WEST\2026 SET TORNADO_ROOT_PATH=C:\Program Files (x86)\DHI\WEST\2026 SET OPENMODELICAHOME=C:\Program Files (x86)\DHI\WEST\2026\third_party\omc START DHI.WEST.exe %* EXIT
Save WESTStart.bat and launch WEST	