

# WEST

## Installation Guide 2026



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# 1 Introduction

This installation guide covers the installation of WEST 2026 and required 3<sup>rd</sup> 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 3<sup>rd</sup> 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

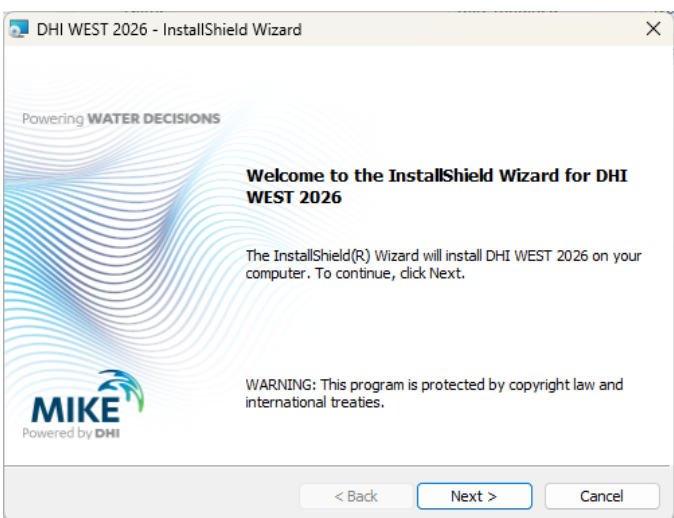
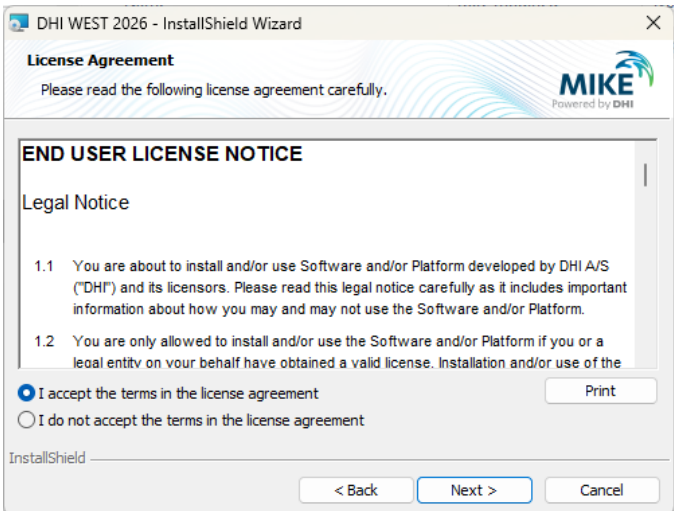
WEST 2026 depends on some prerequisites as listed below:

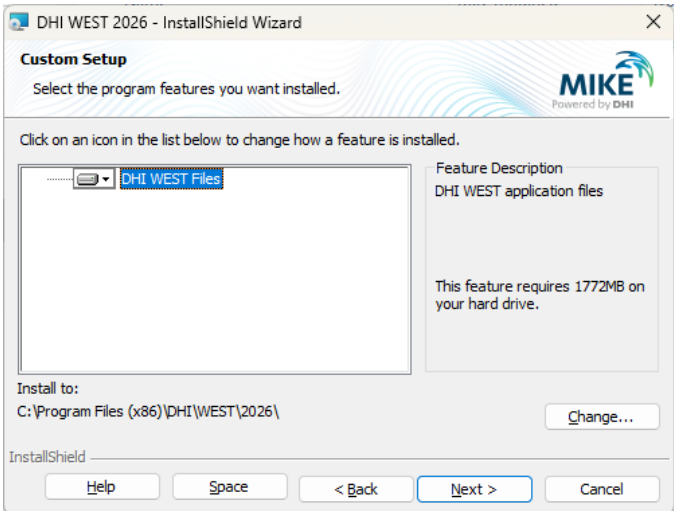
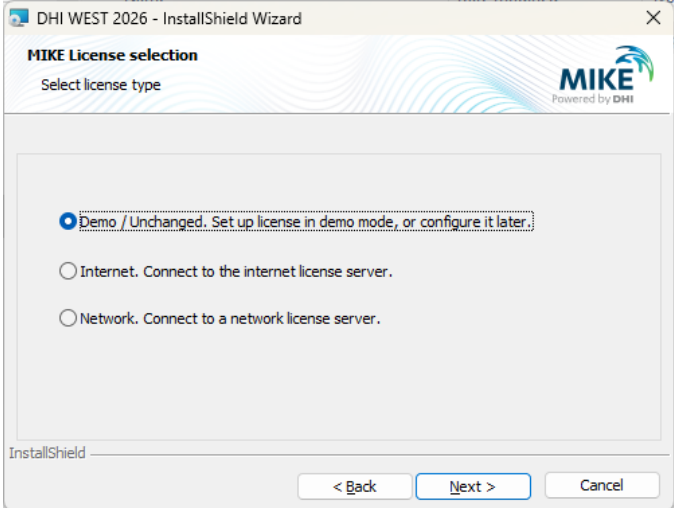
1. Fully supported Windows operating systems:
  - Windows 11 Pro, version 23H2 (64 bit)
  - Windows 10 Pro, version 22H2 (64 bit)
  - Windows Server 2022, version 21H2
2. The DHI License Management application, to be downloaded and installed separately.
3. Microsoft .NET framework 4.7.2 or later

### 3 WEST Installation/Upgrade

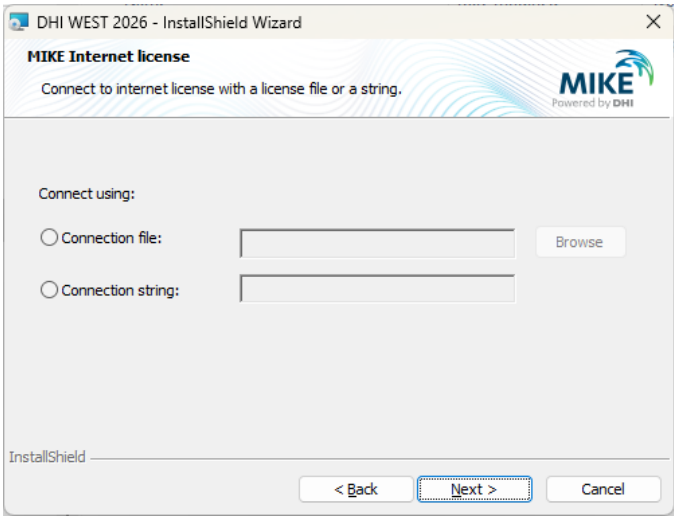
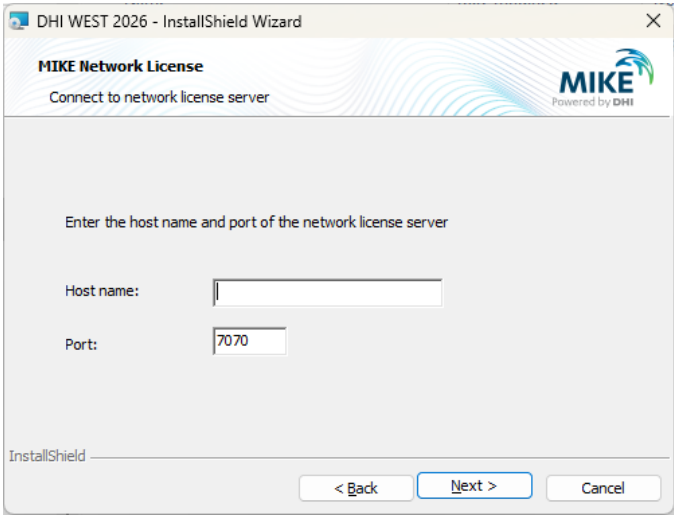
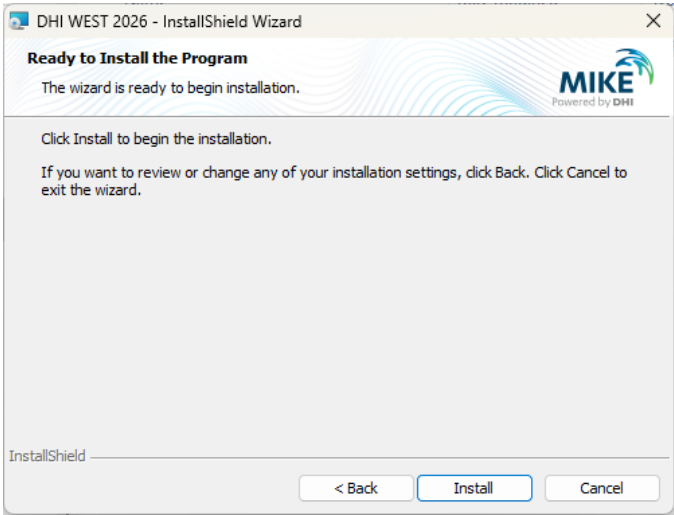
WEST 2026 is installed by running the *Setup.exe* program included in the installation package.


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
<p>Run the setup.exe file from the installation media/download folder.</p> <p><i>Note: Refer to the installation guide of the DHI License Manager for more information about features and license configuration.</i></p> <p><b>Click Next</b></p>	
<p><b>Accept the license agreement</b></p> <p><b>Click Next</b></p>	

Installation step	Screen
<p><b>Select</b> the components to install.</p> <p><i>Note: If desired, the user can select a different destination folder than the default one by clicking “Change”</i></p> <p><b>Click Next</b></p>	
<p><b>Select</b> the type of license available</p> <p><i>Demo/Unchanged:</i> 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.</p> <p><i>Internet:</i> Configuring an internet license using a connection file, or connection string, requires DHI License Manager to already be installed.</p> <p><i>Network:</i> Configuring an internet license using host name and port, requires DHI License Manager to already be installed.</p> <p><b>Click Next</b></p>	



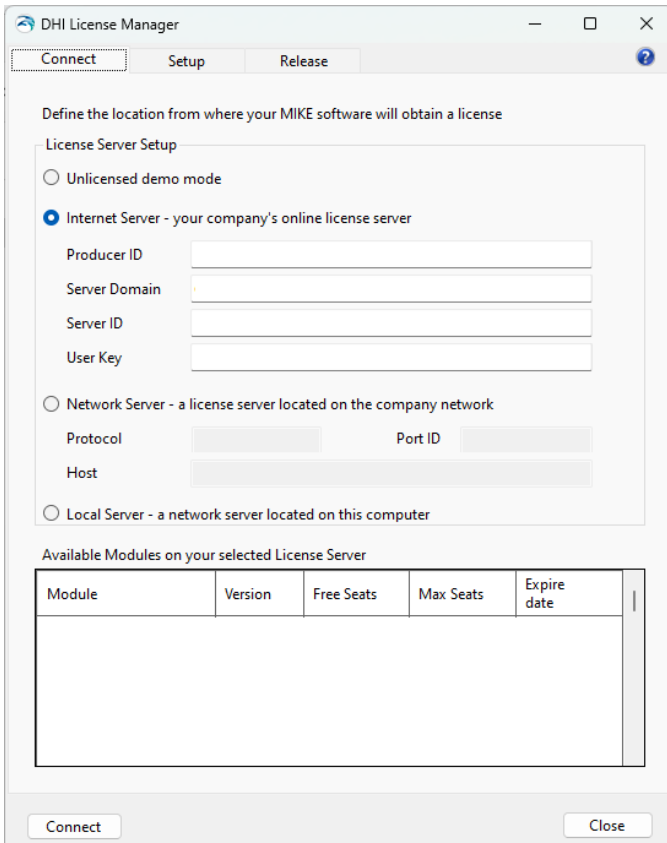
Installation step	Screen
<p><b>If 'Internet' is selected:</b> provide either a connection file, or a connection string to the DHI Internet License Server.</p> <p>Click Next</p>	
<p><b>If 'Network' is selected:</b> provide the host IP address or DNS address and port of the license server.</p> <p>Click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

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.	 <p>The screenshot shows the 'DHI License Server 2026 - InstallShield Wizard' window. It features the MIKE logo and the text 'Powering WATER DECISIONS'. The main heading is 'Welcome to the InstallShield Wizard for DHI License Server 2026'. Below this, it states: 'The InstallShield(R) Wizard will install DHI License Server 2026 on your computer. To continue, click Next.' A warning message at the bottom right says: 'WARNING: This program is protected by copyright law and international treaties.' At the bottom, there are three buttons: '&lt; Back', 'Next &gt;', and 'Cancel'.</p>
Accept the license agreement	 <p>The screenshot shows the 'DHI License Server 2026 - InstallShield Wizard' window with the 'License Agreement' tab selected. It includes the MIKE logo and the text 'Please read the following license agreement carefully.' Below this is a scrollable text area titled 'END USER LICENSE NOTICE' containing a 'Legal Notice' with two numbered points: '1.1 You are about to install and/or use Software and/or Platform developed by DHI A/S ("DHI") and its licensors. Please read this legal notice carefully as it includes important information about how you may and may not use the Software and/or Platform.' and '1.2 You are only allowed to install and/or use the Software and/or Platform if you or a legal entity on your behalf have obtained a valid license. Installation and/or use of the'. At the bottom, there are two radio buttons: 'I accept the terms in the license agreement' (which is selected) and 'I do not accept the terms in the license agreement'. A 'Print' button is also present. At the very bottom, there are three buttons: '&lt; Back', 'Next &gt;', and 'Cancel'.</p>
Once installed, Open the DHI License Management program in the start menu as administrator (right click and select the option 'Run as Administrator')	 <p>The screenshot shows the Windows Start menu search results for 'DHI License Management 2026'. It displays the app icon and name. Below this, under the 'Apps' section, it shows 'DHI License Management' with a right-pointing arrow.</p>

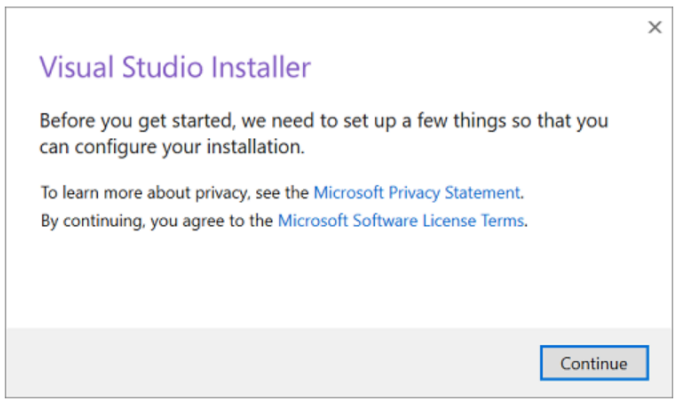
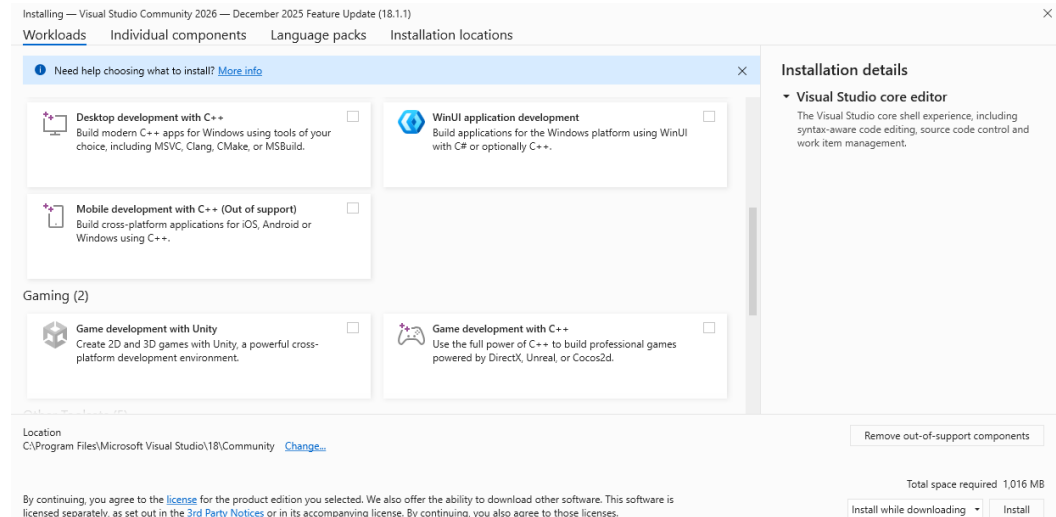
Installation step	Screen
<p>There are three options:</p> <ul style="list-style-type: none"> <li>• Unlicensed demo mode</li> <li>• Internet Server</li> <li>• Network Server</li> </ul> <p>User-specific license details will be sent to users from DHI Entitlement Portal.</p> <p>Click the <b>Help</b> button, for more information or contact your local MIKE Sales representative.</p>	

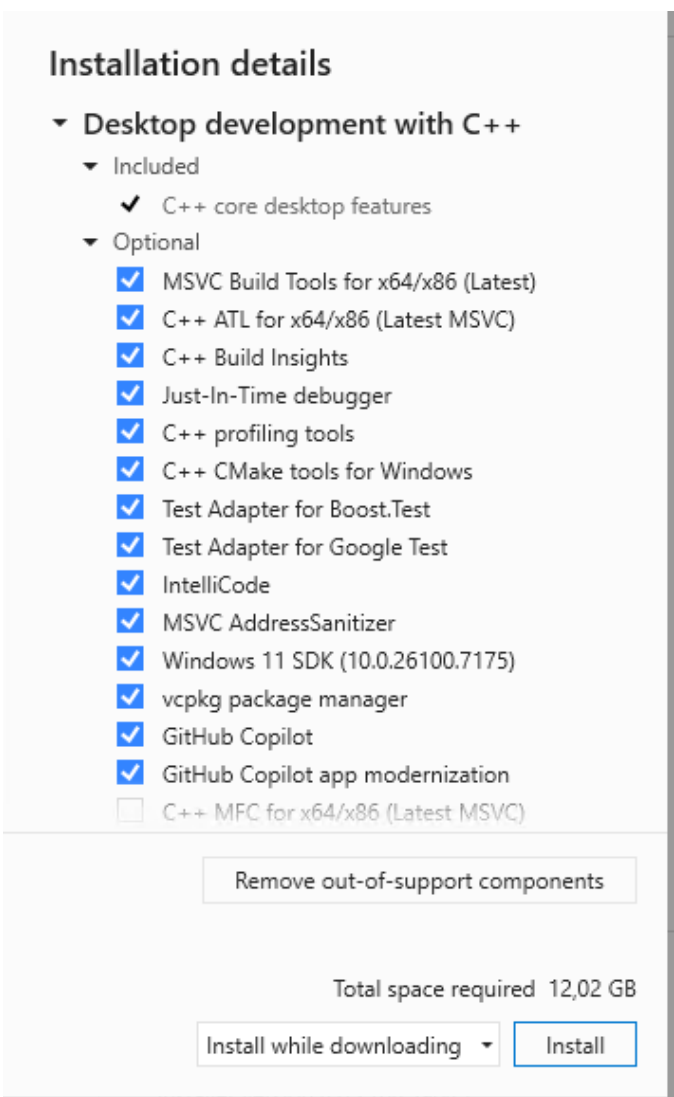
## 5 Optional installation and use of external compiler

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`.

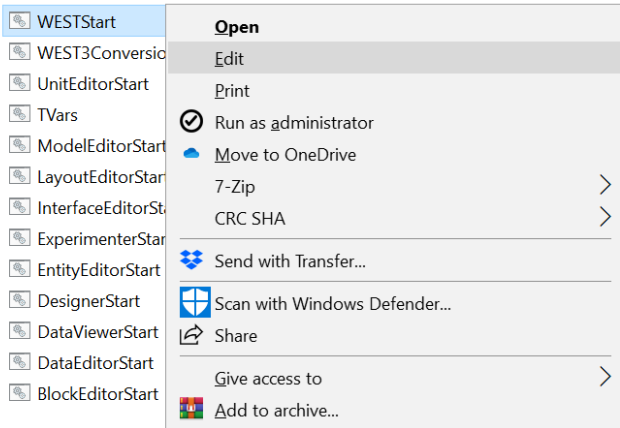
Instructions	Screen
<p>Read Privacy Statement and accept License Terms.</p> <p><i>Disclaimer: by accepting Microsoft Software License Terms, the user confirms to comply with terms of use of Visual Studio Community products as 3<sup>rd</sup> party components.</i></p> <p><i>License terms can also be found here:</i>  <a href="https://visualstudio.microsoft.com/license-terms/mlt031819/">https://visualstudio.microsoft.com/license-terms/mlt031819/</a></p>	
<p>Select the workload <b>Desktop development with C++</b></p>	
	

Instructions	Screen
<p>In the Installation Details (right hand panel) <b>select all</b> Optional features available to ensure installation of build tools and Windows SDK</p> <p><b>Click Install</b></p>	 <p><b>Installation details</b></p> <ul style="list-style-type: none"> <li>▼ Desktop development with C++ <ul style="list-style-type: none"> <li>▼ Included <ul style="list-style-type: none"> <li>✓ C++ core desktop features</li> </ul> </li> <li>▼ Optional <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> MSVC Build Tools for x64/x86 (Latest)</li> <li><input checked="" type="checkbox"/> C++ ATL for x64/x86 (Latest MSVC)</li> <li><input checked="" type="checkbox"/> C++ Build Insights</li> <li><input checked="" type="checkbox"/> Just-In-Time debugger</li> <li><input checked="" type="checkbox"/> C++ profiling tools</li> <li><input checked="" type="checkbox"/> C++ CMake tools for Windows</li> <li><input checked="" type="checkbox"/> Test Adapter for Boost.Test</li> <li><input checked="" type="checkbox"/> Test Adapter for Google Test</li> <li><input checked="" type="checkbox"/> IntelliCode</li> <li><input checked="" type="checkbox"/> MSVC AddressSanitizer</li> <li><input checked="" type="checkbox"/> Windows 11 SDK (10.0.26100.7175)</li> <li><input checked="" type="checkbox"/> vcpkg package manager</li> <li><input checked="" type="checkbox"/> GitHub Copilot</li> <li><input checked="" type="checkbox"/> GitHub Copilot app modernization</li> <li><input type="checkbox"/> C++ MFC for x64/x86 (Latest MSVC)</li> </ul> </li> </ul> </li> </ul> <p>Remove out-of-support components</p> <p>Total space required 12,02 GB</p> <p>Install while downloading ▾ <b>Install</b></p>

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 <b>WESTStart.bat</b> and <b>Edit</b>	
<p>Add the following statement as first line:</p> <p><b>CALL " C:\Program Files\Microsoft Visual Studio\18\Community\VC\Auxiliary\Build\vcvars64.bat"</b></p> <p>Mind the use of " " quotes.</p> <p><i>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)</i></p>	<pre>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 TORNAO_CC_PLATFORM=zig SET TORNAO_CC_PATH= SET TORNAO_DATA_PATH=C:\Users\Public\Documents\DHI\WEST\2026 SET TORNAO_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</pre>
<p>In SET TORNAO_CC_PLATFORM, replace <b>zig</b> by <b>win64-msvc</b></p>	<pre>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 TORNAO_CC_PLATFORM=win64-msvc SET TORNAO_CC_PATH= SET TORNAO_DATA_PATH=C:\Users\Public\Documents\DHI\WEST\2026 SET TORNAO_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</pre>

<p>Optionally, if faster compilation at the expense of slower simulation is desired, add the following to WESTStart.bat:</p> <p><b>SET</b> <b>TORNADO_CC_OPTIMIZE=no</b></p>	<pre>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</pre>
<p><b>Save</b> WESTStart.bat and launch WEST</p>	