



USER
MANUAL

3D Kortasjá

- web map application

Contents

This presentation is designed to be used as a guide to work with available tools in the web map application.

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Mouse control:



You can change the mouse controls for panning and rotating. In the upper left corner of the scene, click the Rotate button. Doing so switches the controls so the left mouse button rotates and the right mouse button pans. You can switch the control scheme back to the default by clicking the Pan button.

3D map - Available menu and tools

The screenshot shows a 3D map of Iceland with various geographical features like mountains, rivers, and coastlines. A sidebar on the left contains a list of tools numbered 1 through 8, each with a corresponding icon. The sidebar also includes a 'Main menu' button and a 'Login to 2D map' link. On the right, there's a 'Gögn' section listing locations with icons, and a top bar with a user profile icon and a 'Innri kortasja' button.

Ramma þrívíddarkort

Basic control tools

Main menu

Login to 2D map

Measure tools

Weather simulation

Daylight simulation

Visibility analysis

Bookmarks

Innri kortasja

Gögn

- Alviðra
- Garpsdalur
- Hnotasteinn
- Hrútavirkjun
- Hrútmúlavirkjun
- Mosfellsheiðavirkjun I
- Mosfellsheiðavirkjun II
- Reykjanessgarður I
- Reykjanessgarður II
- Sólheimar
- Vindheimavirkjun
- Byggingar í þrívídd (OSM gögn)

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3D map - Menu Data/Gögn

Ramma þrívíddarkort

Innri kortasja

1: Activate/Deactivate

Gögn

Vindtúrbínur

Vindorka, ítarlegaupplýsingar

Vinnusvædi

Byggingar í þrívídd (OSM gögn)

select layer(s) for visibility

3: see additional info

2: Left-click on point

Númer: R4330A
Virkjunarkostur nafn: Butra
Lögaðili aðili: Quadran Iceland Development
Áætlað afl (MW): 18
Orkugeta (GWst/ári): 78
Hagkvæmnisflokkur: 1
Dagsetning umsóknar: 7.1.2021
Skýrsla: [View](#)

Zoom to

3D map- Measure distance/Mæla lengd

 Ramma þrívíddarkort

 Innri kortasja

Gögn

- Vindtúrbínur
- Vindorka, ítarlegaupplýsingar
- Vinnusvædi
- Byggingar í þrívídd (OSM gögn)

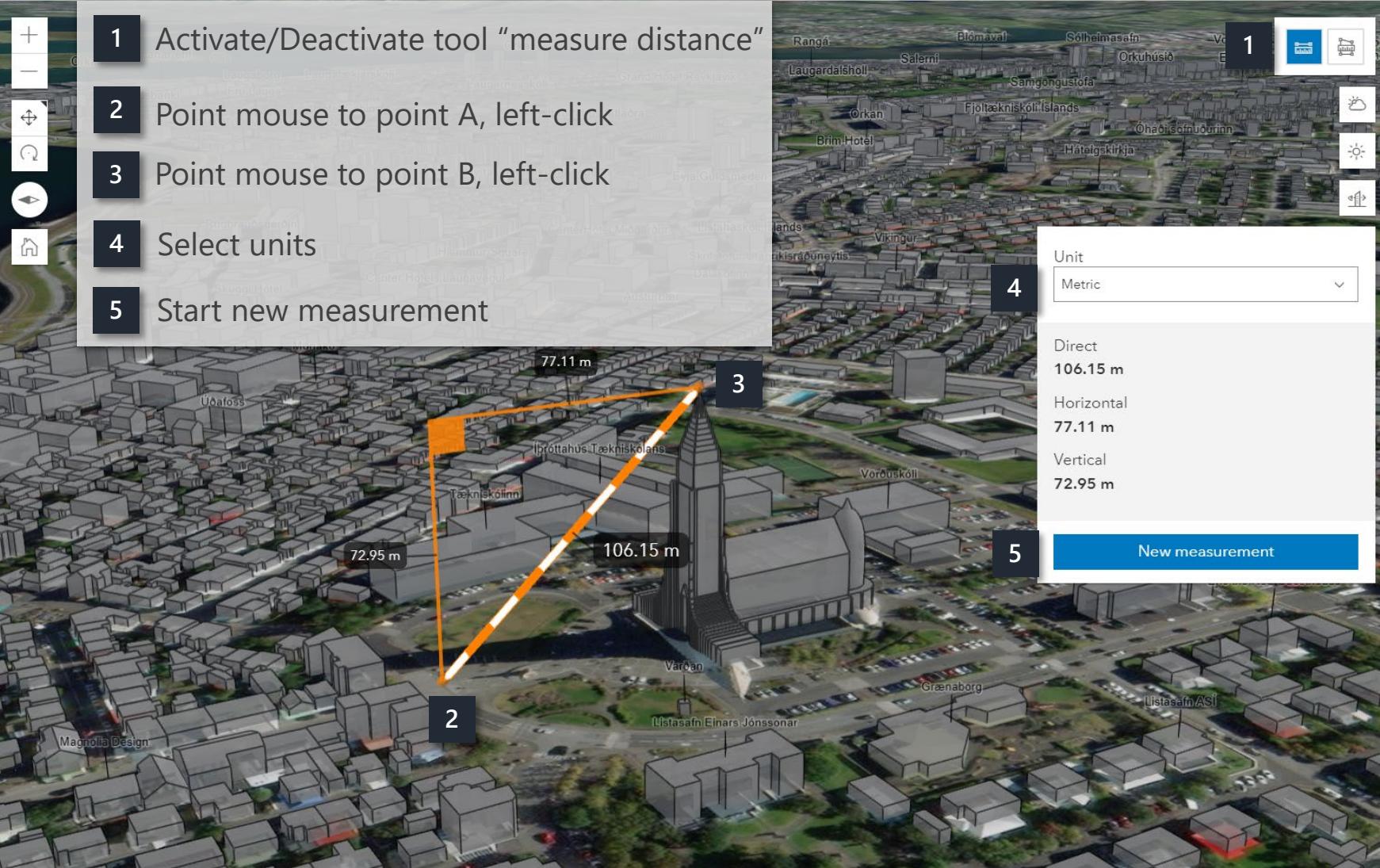
1 Activate/Deactivate tool "measure distance"

2 Point mouse to point A, left-click

3 Point mouse to point B, left-click

4 Select units

5 Start new measurement



77.11 m
106.15 m
72.95 m
New measurement

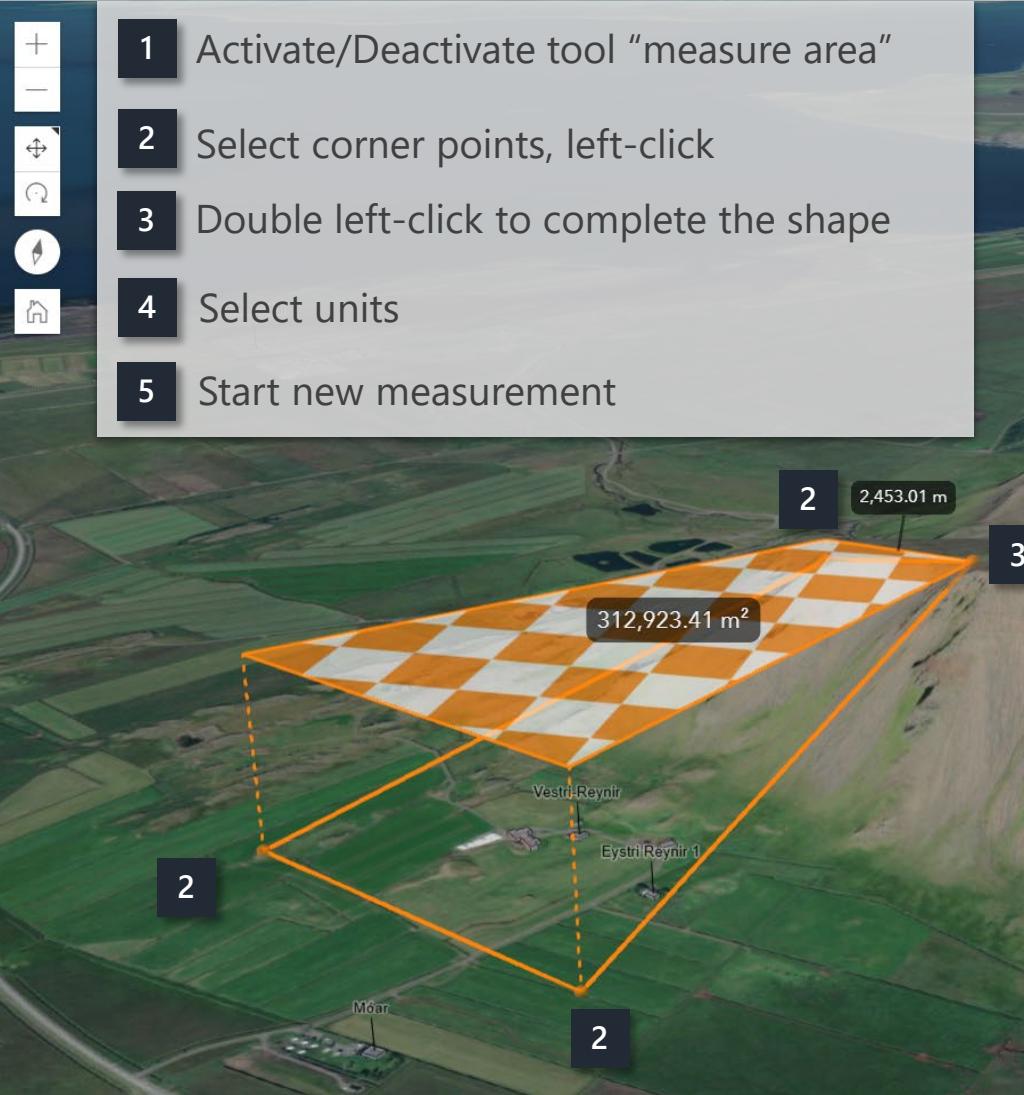


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3D map- Measure area/Mæla svæði

 Ramma þrívíddarkort

1 Activate/Deactivate tool "measure area"
2 Select corner points, left-click
3 Double left-click to complete the shape
4 Select units
5 Start new measurement



1 

4 Unit: Metric

5 New measurement

Area
312,923.41 m²

Perimeter
2,453.01 m

Gögn

- Vindtúrbínur
- Vindorka, ítarlegaupplýsingar
- Vinnusvædi
- Byggingar í þrívidd (OSM gögn)



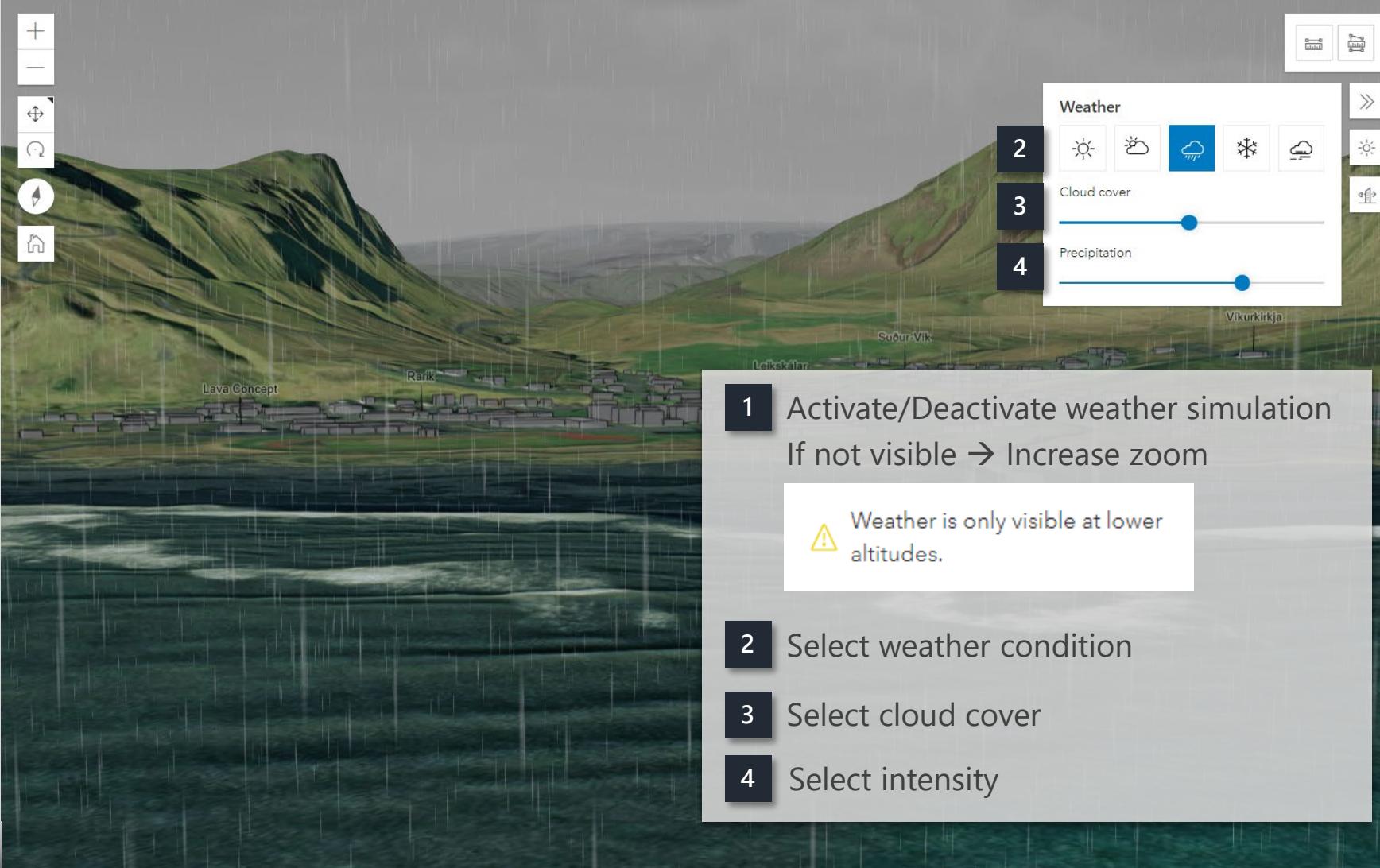
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3D map – Weather simulation



Ramma þrívíddarkort

Innri kortasja



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3D map – Daylight simulation



Ramma þrívíddarkort

Innri kortasja

The screenshot shows a 3D map of a rural area in Iceland with several hydroelectric power stations marked. A floating control panel titled "Daylight" is overlaid on the map, containing the following elements:

- 1 Activate/Deactivate daylight simulation
- 2 Select time and time-zone
- 3 Select date and year
- 4 Select/Deselect rendering options

The "Daylight" panel includes a timeline from 12:50 AM to 12:50 AM, a date selector set to 05/22/2023, and two checked checkboxes for "Sun position by date and time" and "Shadows".

Gögn

Vindtúrbínur

1 Landorka,
þarlegaupplýsingar

Vinnusvædi

Byggingar í þrívídd
(OSM gögn)



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3D map – Visibility analysis

The screenshot shows a 3D terrain map with a visibility analysis interface. On the left, a sidebar lists steps for the analysis:

- 1 Activate/Deactivate visibility analysis
- 2 Start new analysis
- 3 Place observer position (left click)
- 4 Place multiple target positions (left click)
- 5 Complete analysis (click "Done")

Numbered arrows point from these steps to specific features on the map: arrow 1 points to a button in the top right; arrow 2 points to a button in the top right; arrow 3 points to a green dot on the ground; arrow 4 points to a red dot on the ground; and arrow 5 points to a button in a floating panel.

Ramma þrívíddarkort

Innri kortasja

Gögn

- Vindtúrbínur
- Vindorka, ítarlegaupplýsingar
- Vinnusvædi
- Byggingar í þrívidd (OSM gögn)

Start the analysis by clicking in the scene to place the observer point and one or more targets

Done

New analysis

1

2

3

4

5

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