



USER
MANUAL

3D Kortasjá

- web map application

Pakgil Gestamóttaka

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.

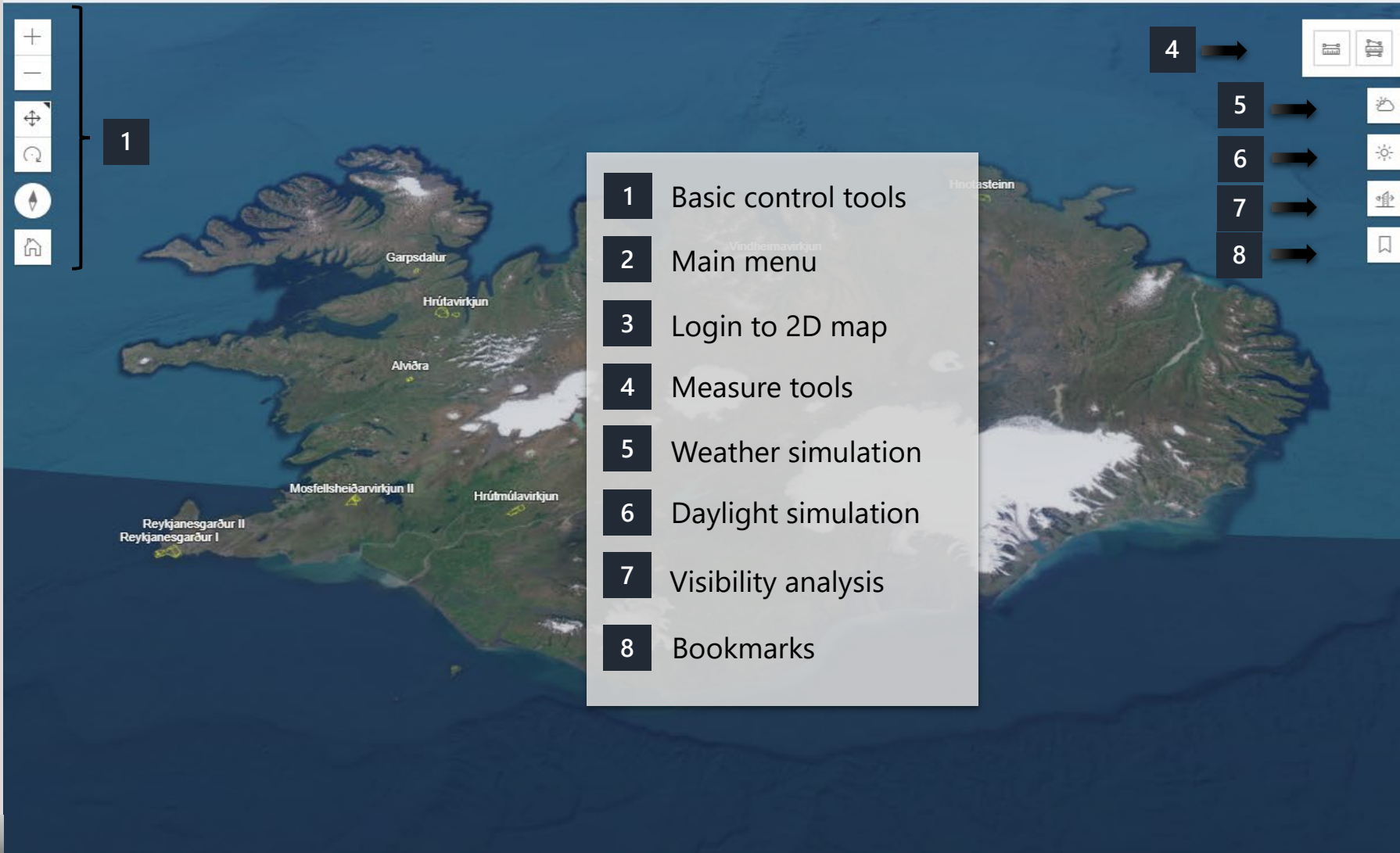
3D map – Available menu and tools



Ramma þrívíddarkort

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Innri kortasja



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- 1 Basic control tools
- 2 Main menu
- 3 Login to 2D map
- 4 Measure tools
- 5 Weather simulation
- 6 Daylight simulation
- 7 Visibility analysis
- 8 Bookmarks

Gögn 2

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



3D map – Menu Data/Gögn



Ramma þrívíddarkort

Innri kortasja



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

3: see additional info

1: Activate/Deactivate

Gögn

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

select layer(s) for visibility

2: Left-click on point



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3D map– Measure distance/Mæla lengd

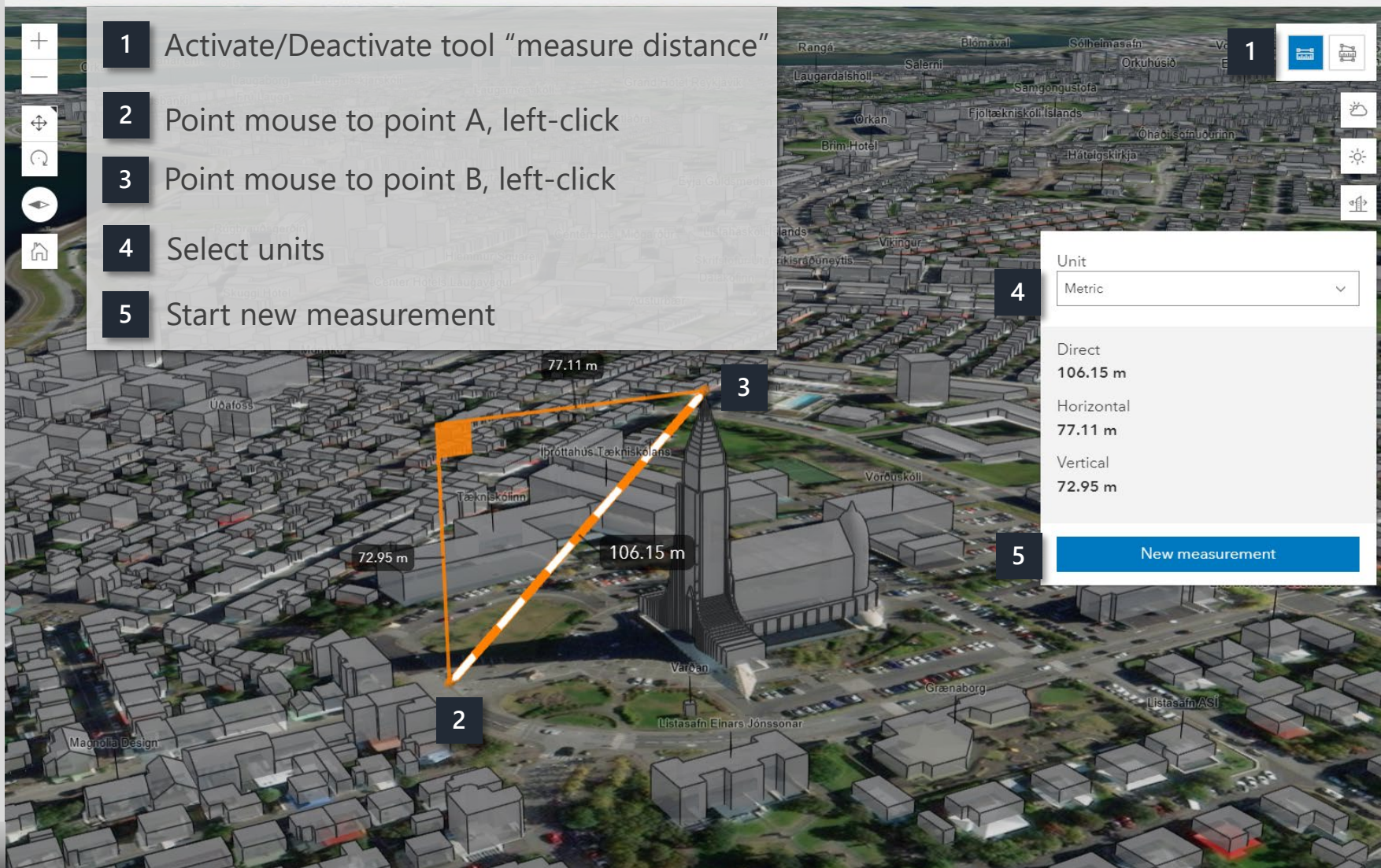


Ramma þrívíddarkort

Innri kortasja



- 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



Gögn

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

Unit
Metric

Direct
106.15 m

Horizontal
77.11 m

Vertical
72.95 m

New measurement



3D map– Measure area/Mæla svæði

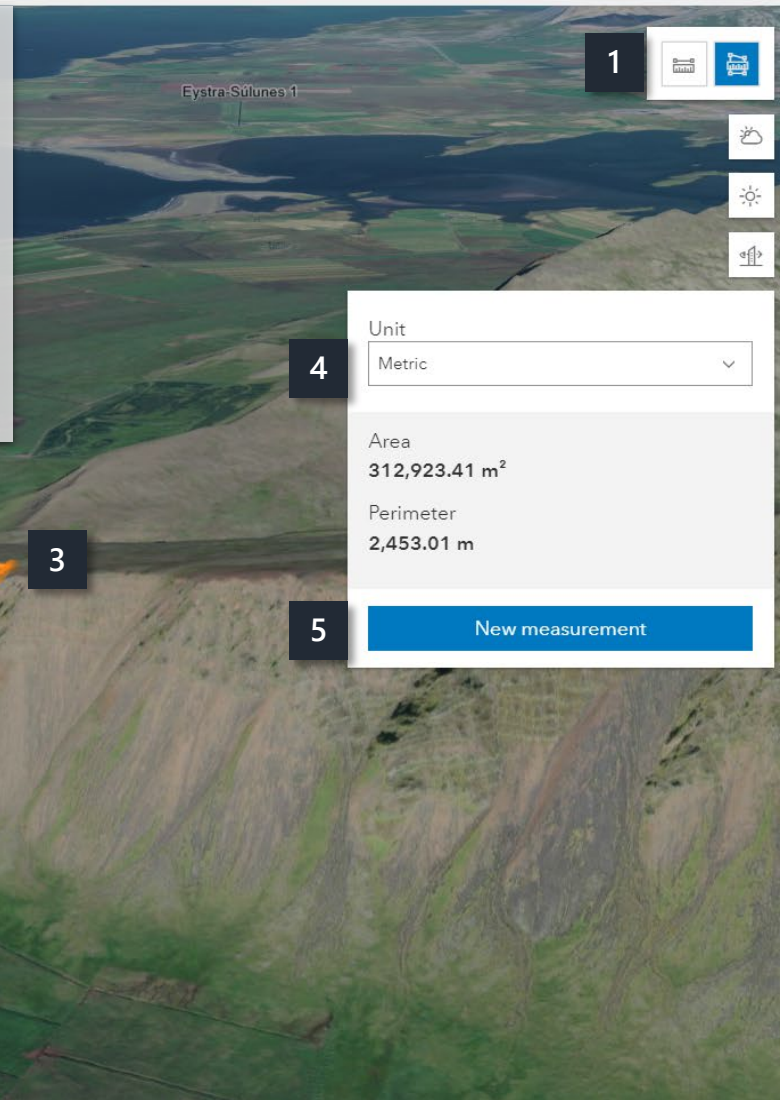


Ramma þrívíddarkort

Innri kortasja



- 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

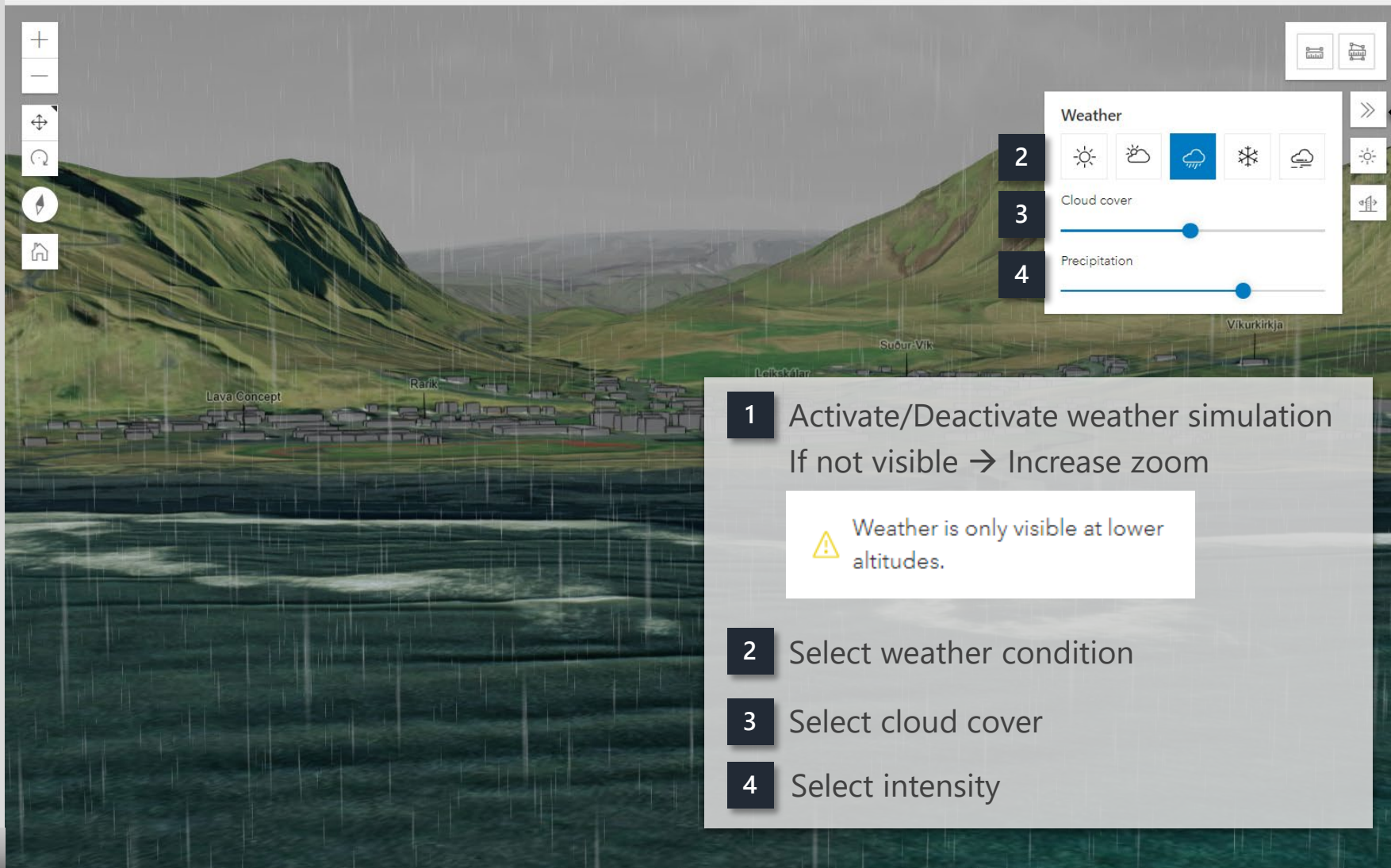


3D map – Weather simulation



Ramma þrívíddarkort

Innri kortasja




Gögn

1

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

1 Activate/Deactivate weather simulation
If not visible → Increase zoom

 Weather is only visible at lower altitudes.

- 2 Select weather condition
- 3 Select cloud cover
- 4 Select intensity

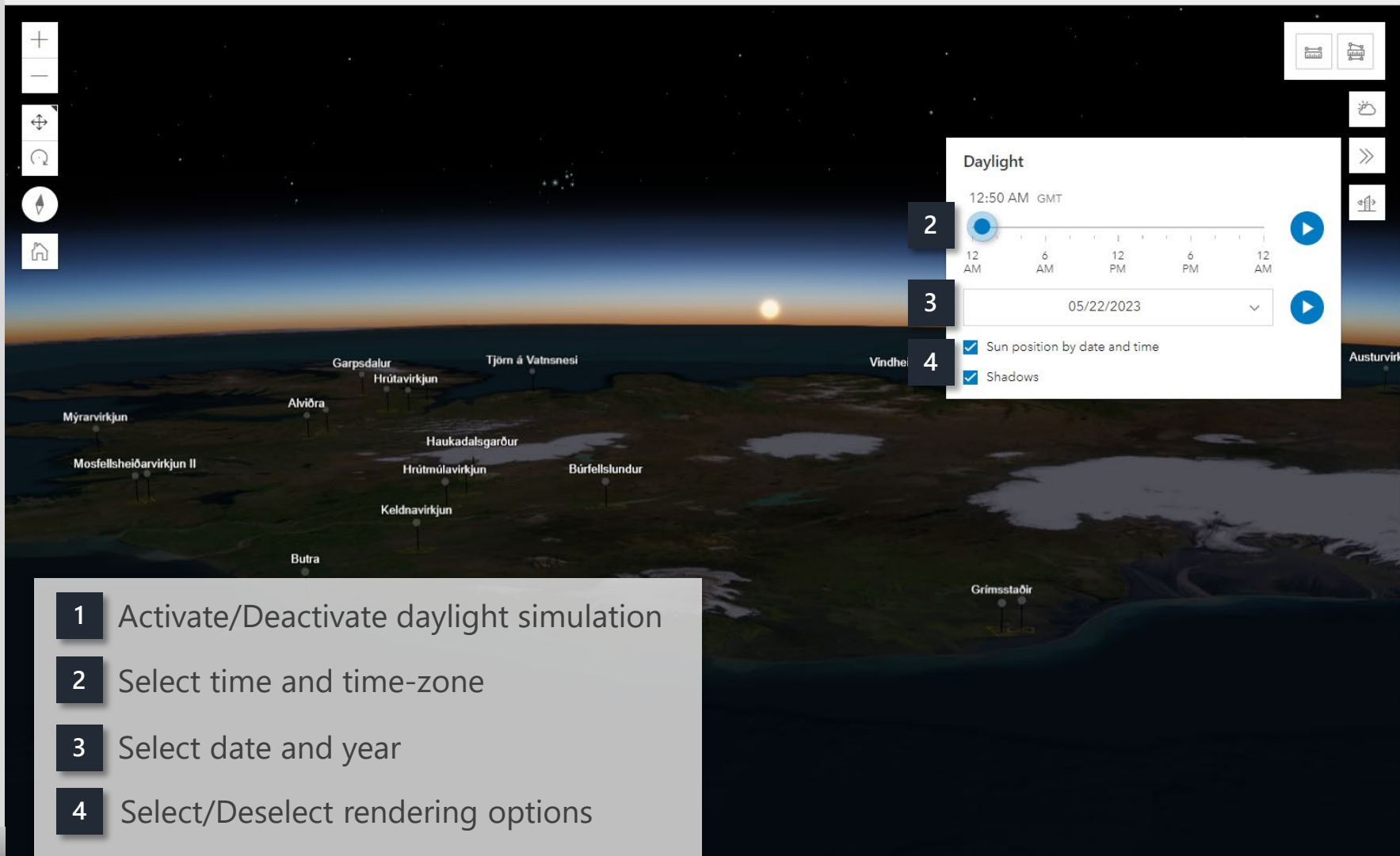


3D map – Daylight simulation



Ramma þrívíddarkort

Innri kortasja



Daylight

12:50 AM GMT

2 [Slider from 12 AM to 12 AM]

3 [Date selector: 05/22/2023]

4 [Sun position by date and time, Shadows]

Gögn

- Vindtúrbínur
- 1 [Eye icon] Þandorka, þrívíddarlegaupplýsingar
- Vinnusvæði
- [Eye icon] Byggingar í þrívídd (OSM gögn)

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



3D map – Visibility analysis



Ramma þrívíddarkort

Innri kortasja



Gögn

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

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

Done

New 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")

