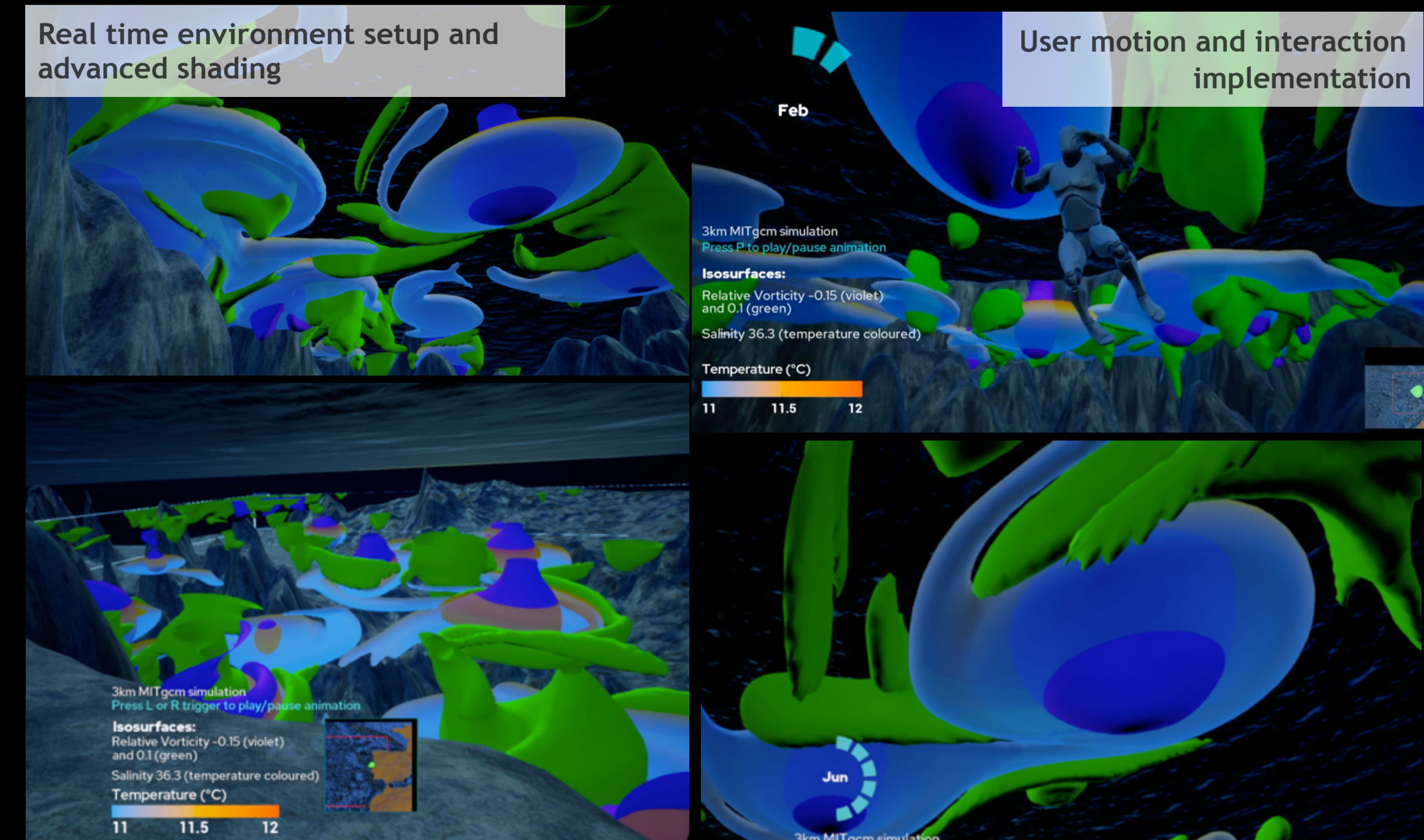
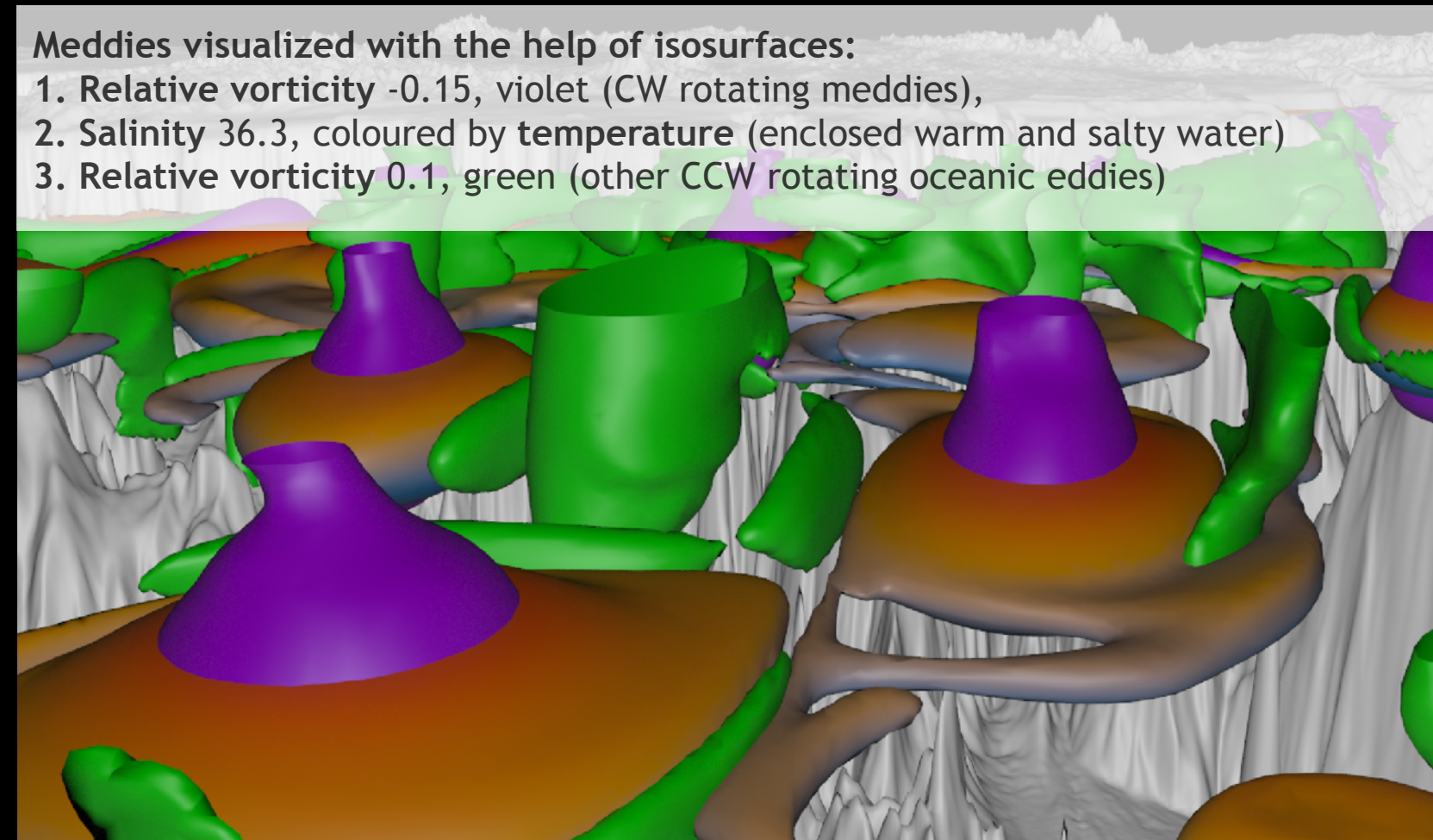
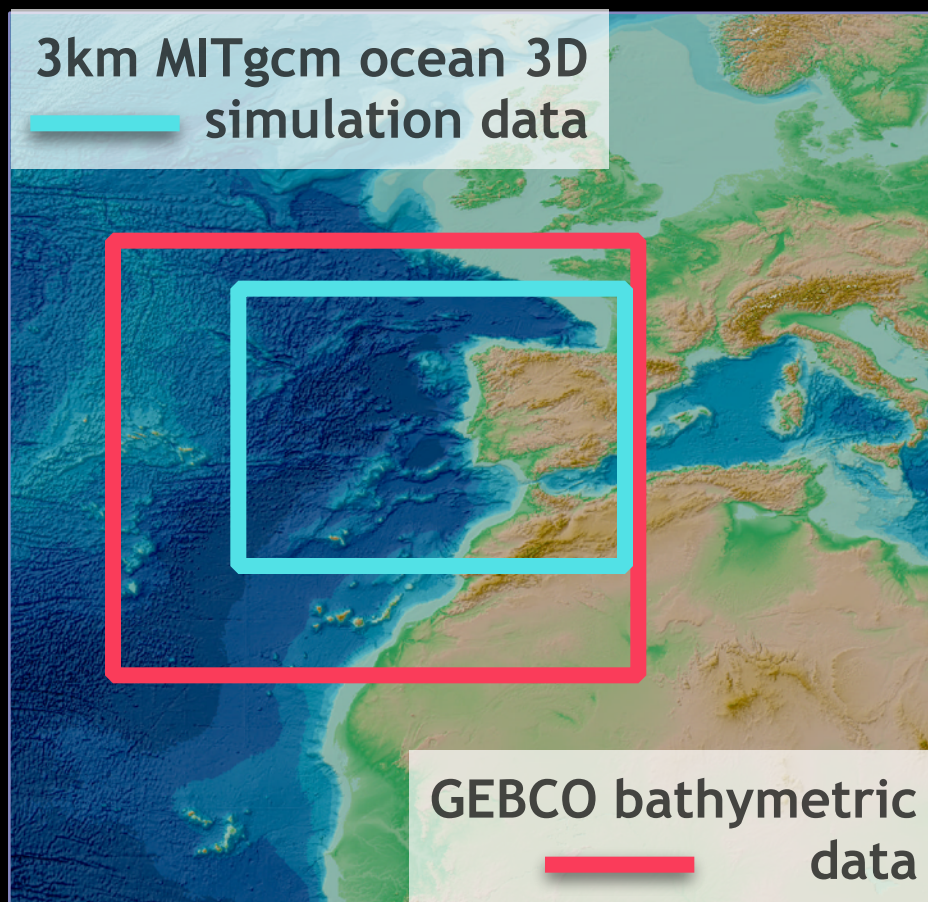


We created an engaging, immersive virtual reality environment to provide an interactive exploration, learning and scientific communication tool that enables climate scientists and other users to visualize and study ocean climate simulation data in real time. Visualized phenomenon: 1-year evolution of NE Atlantic eddies enclosed by warm and salty Mediterranean Water (meddies).

1. Raw datasets

2. Procedural data preprocessing

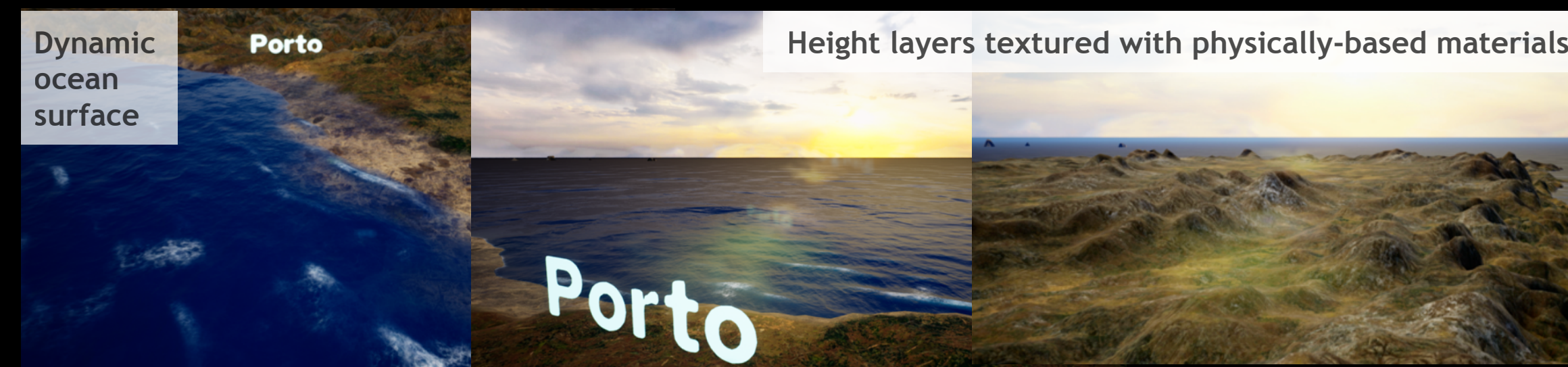
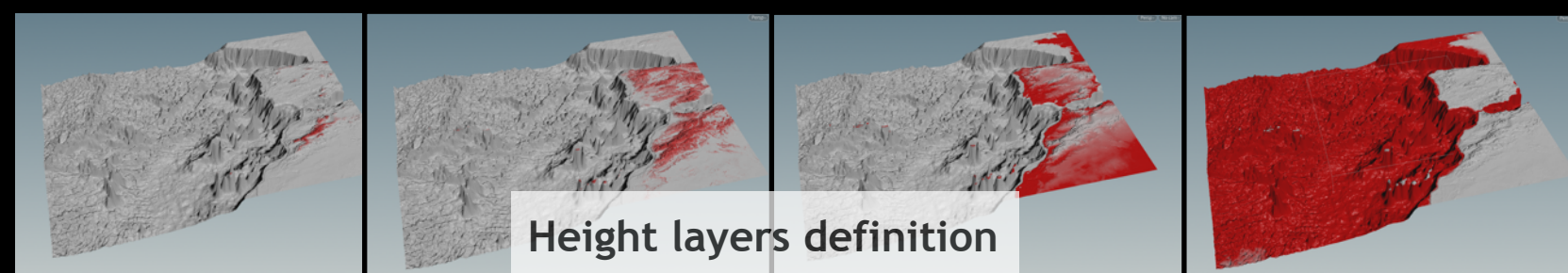
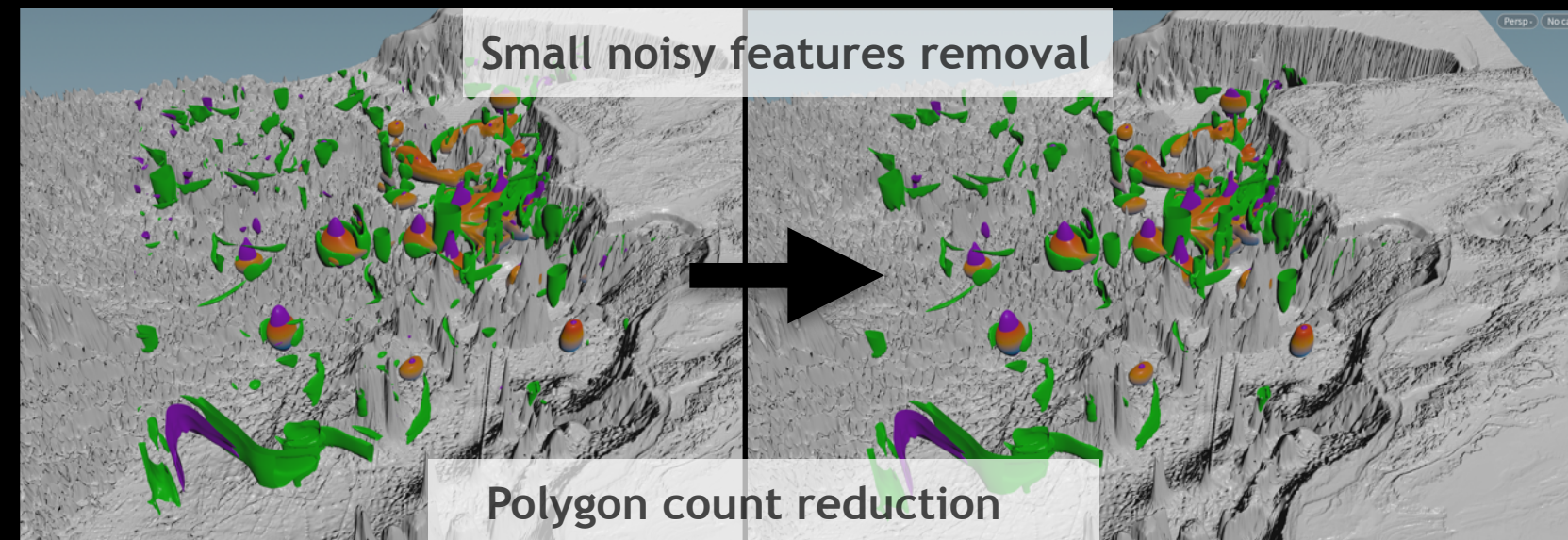
3. Translation in the Unreal Engine 4



View YT video trailer



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View the app video trailer: <https://youtu.be/a8Jv702dmKU>

Download (desktop & VR versions): <https://www.cen.uni-hamburg.de/facilities/visualization/interactive/meddies.html>