

2025 February 05

RE: Support for HB 5010

Dear Committee Members,

I strongly encourage you to support HB 5010, a budget recommendation for the Department of Geology and Mineral Industries, or DOGAMI.

Oregon is gifted with the Columbia River Basalt Group, covering large areas of northern and eastern parts of the state, and this basalt could prove to be an essential component of our efforts to remove and permanently lock away the legacy greenhouse gases that have been polluting our atmosphere since the beginning of the industrial revolution. This is known as Greenhouse Gas Removal or GGR.

Our basalts react chemically with carbon dioxide to form carbonate minerals, and we have the potential to store gigatons of carbon dioxide deep within our basalt formations.

Billions of dollars are currently flowing to other states and to other parts of the world to sequester these legacy greenhouse gases. Oregon needs to act with deliberate haste to build the knowledge base and infrastructure to participate in this important climate work and to not miss out on its potential for economic uplift for Oregon.

DOGAMI's mapping work will form the foundation for the development of this important emerging industry in our state.

Please strongly support HB 5010!

Thank you,

Kevin Shanley

Portland, Oregon

Member, Pacific Coast Legacy Emissions Action Network (PacClean)