



Co-Chairs Frederick and Levy and Members of the Committee,

We at [PacCLEAN.org](http://PacCLEAN.org) urge the committee to support the Governor's requested funding to support further research and development of carbon dioxide sequestration in basalt in Oregon. We support this request for two simple reasons:

1. Developing greater understanding and capabilities for CO<sub>2</sub> sequestration is a crucial and necessary element in the fight to stop and ultimately reverse climate change, and
2. This also represents a significant economic development opportunity for Oregon to become a hub in the emerging trillion dollar industry of Greenhouse Gas Removal (GGR).

To elaborate on point 1 - the UN IPCC has stated, repeatedly and unequivocally, that in order to keep global warming below 2 degrees C, we will need to actively remove greenhouse gases from the environment at the scale of 10 to 20 billion tonnes per year. This is because we (humanity) have been too slow to decarbonize our global civilization, so we will need GGR to counteract hard-to-abate emissions in the near term and to draw down excess greenhouse gas from the environment in the longer term.

It is slightly terrifying to understand that large scale GGR is a **new** capability that humanity **must** develop over the next decade in order to keep the climate hospitable for future generations. However, it is encouraging to see how much work is being done all around the world by thousands of dedicated researchers and developers to explore and develop many pathways to accomplish GGR. Sequestration in basalt is one of many important pathways and elements in a global GGR strategy, and Oregon is uniquely well suited to be a leader in this field..

To elaborate on point 2, the economic opportunity - greenhouse gas removal is expected to become a \$T+ industry and Oregon has all the necessary natural and human resources to be a major player in this new industry, including basalt sequestration but also including enhanced weathering, biomass carbon removal, and marine CDR pathways.

We urge the committee to support this HB 5010 for the sake of the environment, for the sake of future generations, and to seize an important new economic opportunity for the State of Oregon.

Sincerely,

Michael Robinson

on behalf of PacCLEAN.org