



February 4, 2026

Chair Nguyen
House Committee on Economic Development, Small Business, and Trade
Oregon State Capitol
Salem, OR 97301

Re: Support for HB 4086

Chair Nguyen and Members of the Committee,

Industrial Symbiosis is a pioneering concept that helps turn waste streams (energy, water, materials, and byproducts) from one industry into valuable resources for other businesses. Climate Solutions supports HB 4086 as a pathway for galvanizing industrial symbiosis projects in Oregon. Climate Solutions is a clean energy nonprofit organization working to accelerate solutions to the climate crisis. The Northwest has emerged as a hub of climate action, and Climate Solutions is at the center of the movement as a catalyst and advocate.

Industrial symbiosis has seen extensive success in several European countries, including Denmark, Iceland, Germany, Spain, and the Netherlands. A model has emerged from these early projects that can be replicated in Oregon. Understanding the structure and benefits of these individual projects helps illustrate the value of industrial symbiosis. These are two project examples:

- Steam and heat from the Asnaes Power Station in Denmark is transferred to manufacturing facilities, resulting in energy efficiency, energy savings, and reduced CO2 emissions.
- Iceland's 100% fish project promotes the use of cod byproducts in high value products such as fish leather, collagen, fish skin grafts, and pharmaceuticals.

Industrial Symbiosis could bring multiple benefits to Oregon. Reduced waste streams, energy efficiency, cost savings, economic development, and job creation are just a few of these benefits. It also just makes good sense. Reusing and redirecting waste back to the value stream will boost our economy.

For all these reasons, we urge your support for HB 4086.

Sincerely,

Joshua Basofin

Joshua Basofin
Clean Energy Program Director
Climate Solutions