

Dear Members of the House Committee on Climate, Energy, and Environment,

Renewcat Inc. appreciates the opportunity to submit testimony in **strong opposition** to House Bill 2960, which would ban advanced recycling in Oregon. This legislation would hinder innovation and limit solutions for plastic waste management, including the development of technologies that enable a circular economy.

Renewcat is an Oregon-based startup commercializing a novel process to convert polyvinyl chloride (PVC) waste into **valuable** products. Our technology was originally developed at Oregon State University during my PhD. Our novel upcycling technology has since been spun out into a company committed to tackling plastic waste challenges in Oregon and beyond.

A major challenge for plastics recyclers in the U.S. is the high cost of separating **chlorine-containing waste** like PVC from mixed waste streams. Renewcat's process **eliminates this barrier** by upcycling PVC-contaminated plastics that would otherwise be landfilled or incinerated. Our primary product, **polyethylene wax**, is widely used in construction and consumer goods, directly supporting a circular economy. Additionally, producing polyethylene waxes from waste PVC avoids the greenhouse gas emissions associated with conventional polyethylene wax production, which relies on energy-intensive steam reforming.

In summary, by enabling the recycling of PVC-contaminated waste, Renewcat's technology advances both environmental sustainability goals and alleviates pressure on recyclers who cannot recycle chlorine contaminated waste streams. **If passed, House Bill 2960 would stifle scientific progress and discourage the very innovation needed to solve our state's plastic waste problem.** We urge the committee to reject this bill and instead support policies that encourage cutting-edge recycling solutions developed by Oregon's entrepreneurs and researchers.

Sincerely,

Dr. Scott Svadlenak

President

Renewcat Inc.

