

# INTERNATIONAL LIVING FUTURE INSTITUTESM

### Declare.





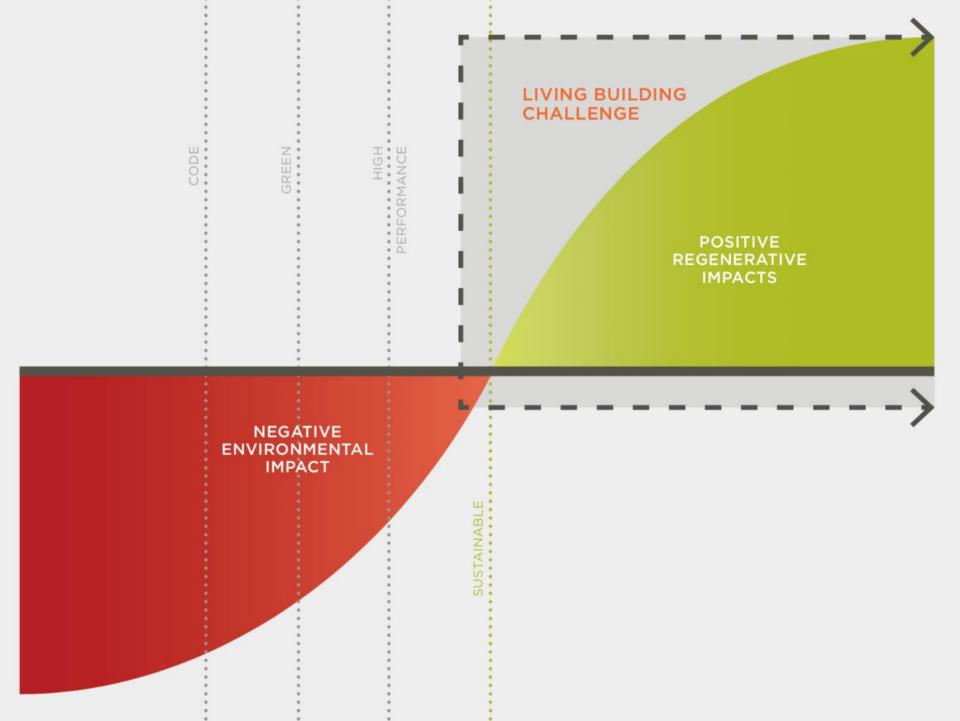


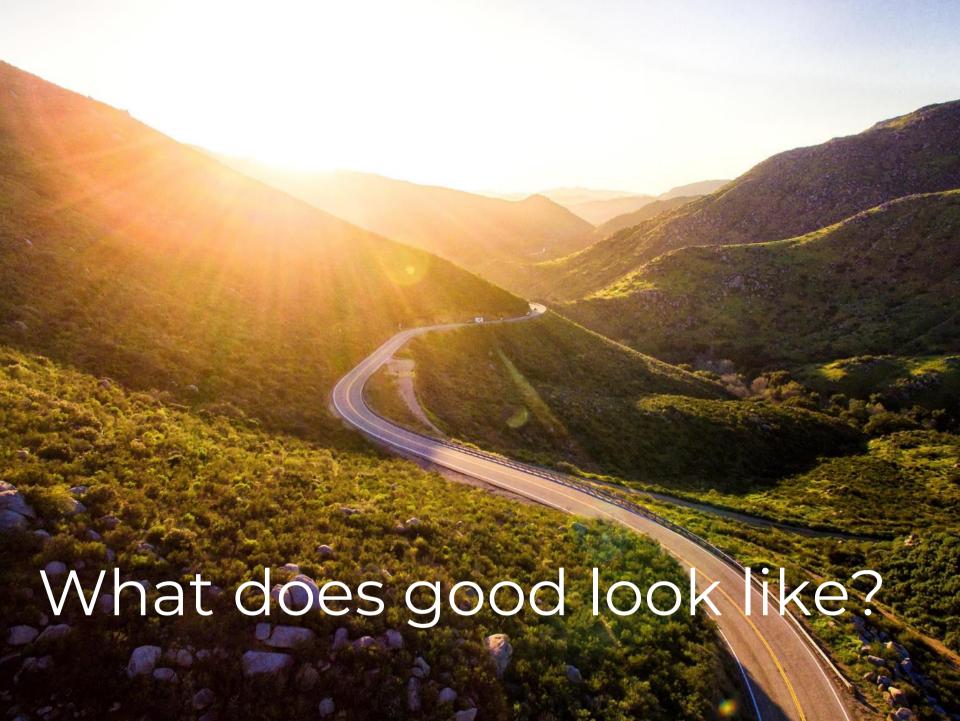














One hundred percent of the building's energy needs on a net annual basis must be supplied by on-site renewable energy.

No combustion is allowed.





100% of the project's **operational energy** must be offset by new on- or off-site renewable energy.

No combustion is allowed.

100% of the **embodied carbon** emissions impacts associated with the constructed and materials of the project must be disclosed and offset



### **ENERGY**



07

ENERGY + CARBON REDUCTION



SCALE JUMPING PERMITTED

Intent of Imperative 7: Treat energy as a precious resource + minimize energy-related carbon emissions that contribute to climate change.





### **ENERGY**

#### **IMPERATIVE**

08

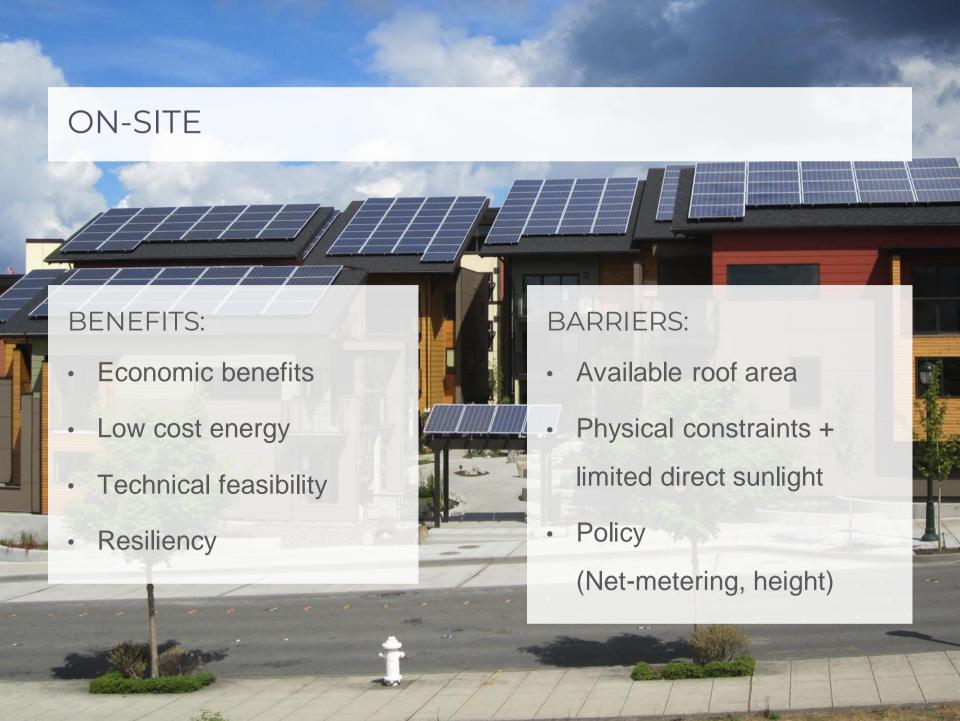
## NET POSITIVE CARBON



SCALE JUMPING PERMITTED

Intent of Imperative 8: Foster development and use of carbon-free renewable energy resources while avoiding the negative impacts of fossil fuel use







# KEY CHARACTERISTICS OF OFFISTE RENEWABLE ENERGY

ADDITIONAL

ATTRIBUTED TO THE PROJECT

PHYSICALLY IDENTIFYABLE

### **OFFSITE RENEWABLES**

### **BENEFITS**:

- Broader project types achieving "zero energy"
- Site flexibility
- Economy of scale

### **BARRIERS**:

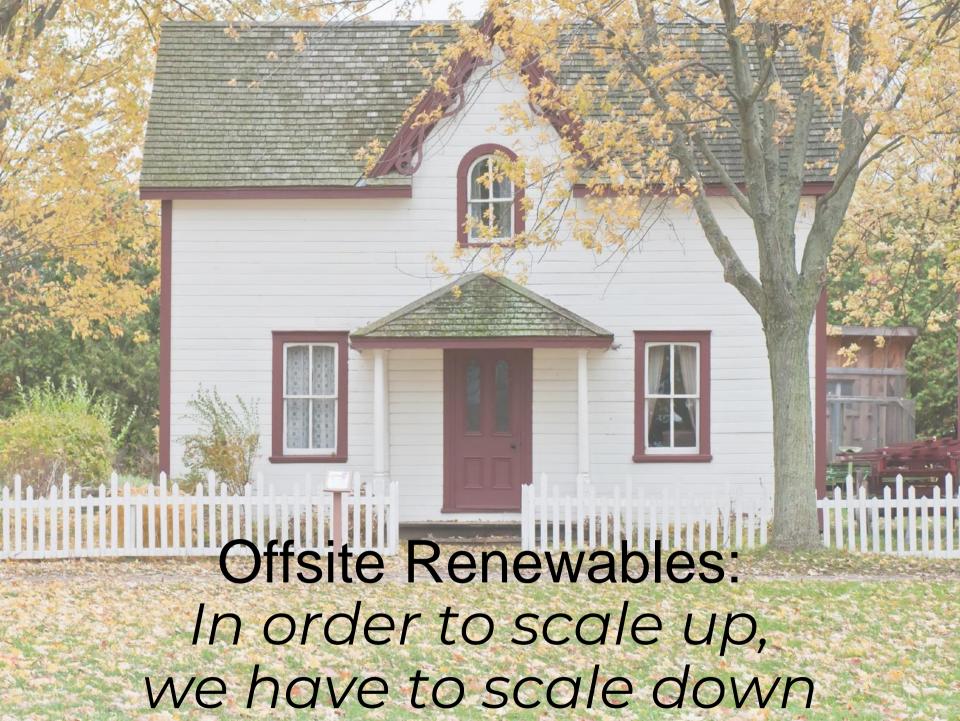
- Site Availability (direct ownership)
- Off-taker availability
- Regulated power markets
- Contract complexity
- Policy (Net-metering)



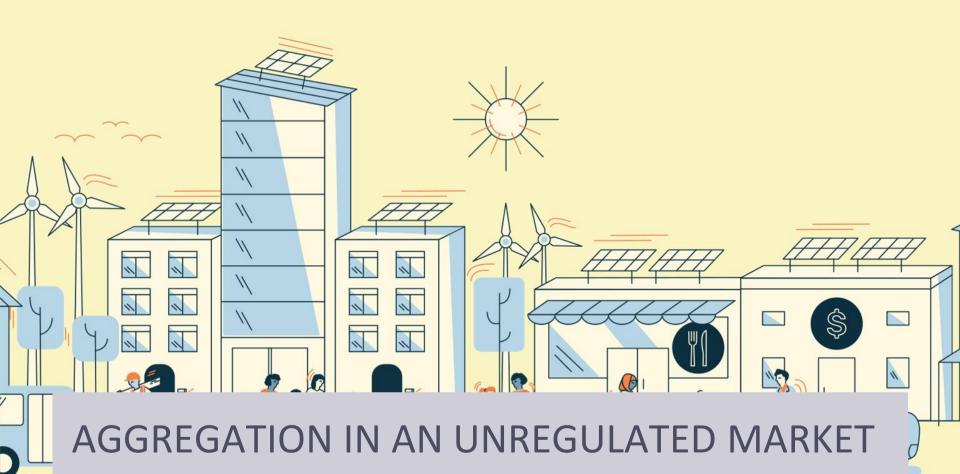












### PATHWAYS TO ACTION

Utilities permit unlimited net-metering

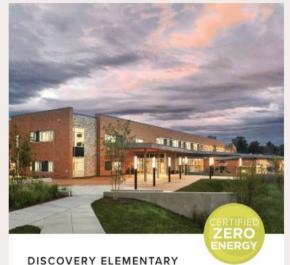
Mechanisms for off-taker identification + aggregation

Markets that adapt to this new renewable landscape









INTERNATIONAL LIVING FUTURE INSTITUTE



INDIGO | HAMMOND + PLAYLE ARCHITECTS...



THE CORK HAUS

DAVIS, CA

SEATTLE, WA, USA

SCHOOL





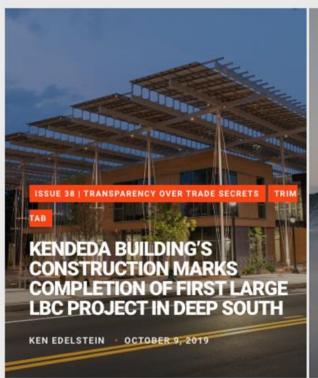
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