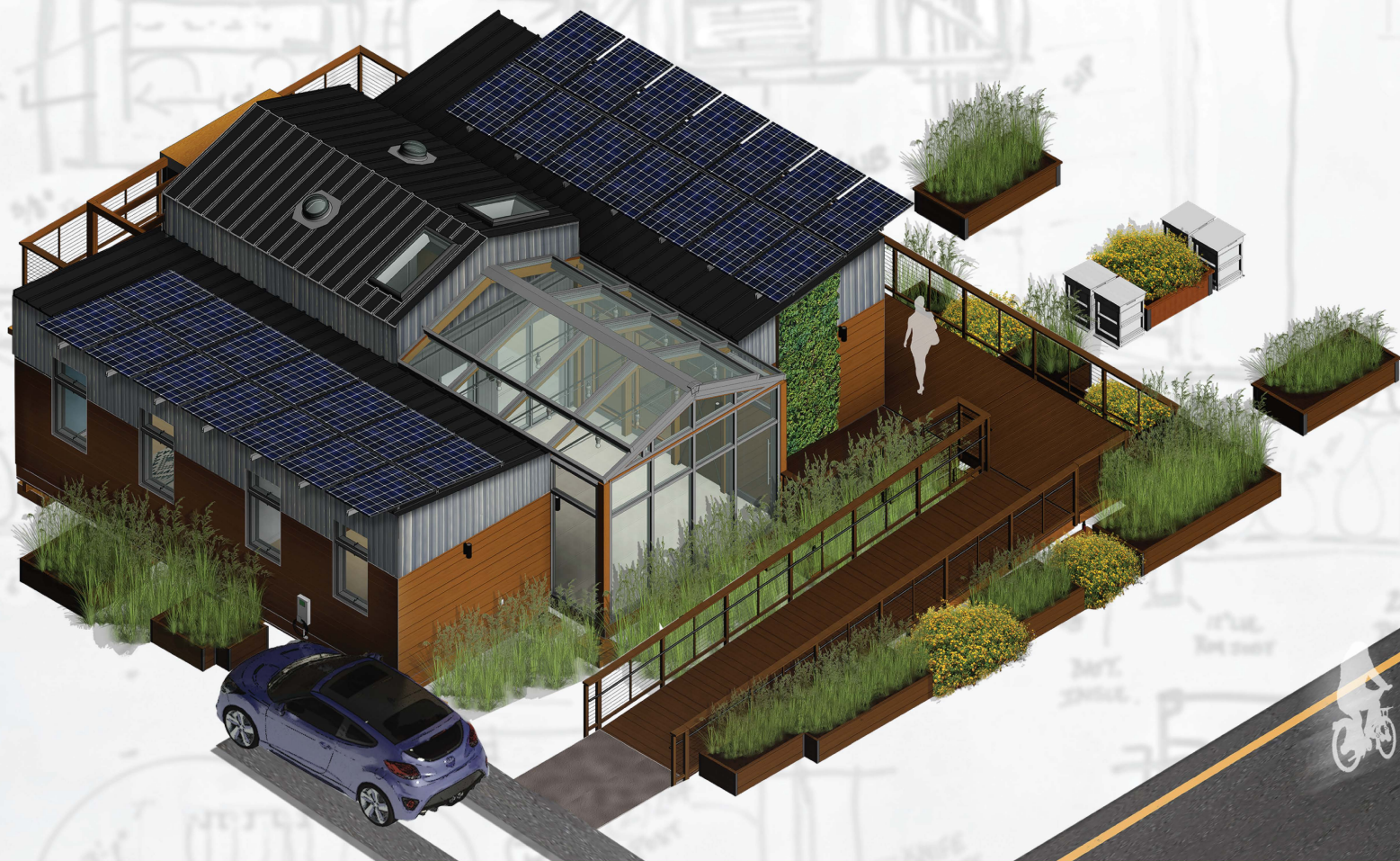




reACT  
TEAM MARYLAND

*resilient adaptive climate technology*



U.S. DEPARTMENT OF ENERGY  
**SOLAR DECATHLON**

U.S. DEPARTMENT OF  
**ENERGY**



UNIVERSITY OF  
MARYLAND



why we

# reACT

Our world is facing immense risk from climate change, and our built environment contributes heavily to energy consumption and waste. Our innovative home seeks to change the status quo of sustainable housing, employing principles of land stewardship, water conservation, and automation in comfortable spaces.



living area



bedroom

## our systems

### HVAC

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### Living Systems

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### Power

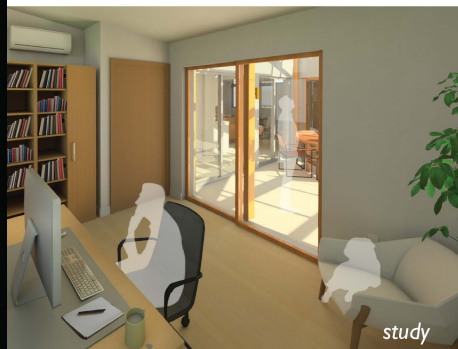
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### Automation

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### Water

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study



courtyard

who we

## ARE

Our team is comprised of over 300 students, faculty members, and alumni from the University of Maryland. We represent many different disciplines, like architecture, library science, engineering, business, environmental studies, and more! Our collaborative environment gives us the opportunity to lead and excel with a full-scale built house.



living area

## our market

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medicine wheel

turtle island



courtyard

# integrated systems

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## Architecture

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## Power

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## Water

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## Heat

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