



REAP 3.2: Summary of Changes proposed in REAP 3.2

A proposed restructuring of the rating system allows for alignment with UBC's priorities and the goals of the Green Building Action Plan. Eight new component areas are proposed: energy & emissions, water, biodiversity, material & resources, climate adaptation, place & experience, health & wellbeing and quality. The proposed update includes existing and revised credits as well as new credits that have been developed to fill gaps; obsolete credits have been deleted.

The proposed key content updates are as follows:

Climate mitigation highlights in REAP 3.2 :

- Greenhouse gas Intensity reporting required (GHG target envisioned for REAP 4.0)
- Renewable energy credit updated to be awarded according to project electricity production
- Metering and reporting of energy use required
- Refrigerant management reporting required
- (Note that the BC Energy Step Code Step 2 alignment remains unchanged, results of Low Carbon Energy Study to inform updates in REAP 4.0)

Climate adaptation highlights in REAP 3.2 :

- Buildings to be 2050 climate ready for increased temperatures
- Credits added for: enhanced resiliency, total water use reduction and on site rainwater management

Health and wellbeing highlights in REAP 3.2:

- New biodiversity credits promote building landscapes that enhance overall mental and physical well-being by relieving stress and mental fatigue through nature
- Increased bicycle storage for larger units and improved bicycle storage requirements
- Credits added for designs that provide connections to nature and ample daylight for occupants
- Food growing opportunity credit added

Sustainable community highlights in REAP 3.2 :

- Credits added for providing project community amenity spaces
- Improved credits for innovation and research which tie UBC community with research community
- Credits added for providing site green space and planting which encourages sustainable landscapes
- Credit added for bird friendly design to reduce bird collisions with buildings
- Credit added for education and awareness to encourage increased knowledge of green buildings in the community

Responsible consumption and production highlights in REAP 3.2 :

- Embodied carbon reporting required
- Improved credit for using environmentally responsible building materials and local building materials
- New credit for durable building to reduce overall building impact