### Six action areas for net zero on campus

<table>
<thead>
<tr>
<th>Number</th>
<th>Action Area</th>
<th>Description</th>
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| 1.     | Reduce campus energy demand | - Implementing energy conservation programs  
- Driving energy efficiency  
- Using energy management systems and smart appliances |
| 2.     | Replace fossil fuel dependent appliances | - Replacing fossil fuels with electricity for campus (electrification)  
- Transitioning away from gas  
- Future proofing for alternative fuels and technologies that are currently not commercially available or scalable |
| 3.     | Establish campus microgrids | - Building onsite renewable energy (campus or precinct microgrids)  
- Installing battery energy storage  
- Digitalisation and smart grids |
| 4.     | Source renewable energy | - Implementing renewable energy purchase agreements  
- Creating demand for renewable energy supply in the local grid |
| 5.     | Encourage sustainable commuter travel | - Implementing bike-share programs with end-of-trip facilities  
- Lobbying for better public transport or active transport facilities to campus  
- Building enabling infrastructure for walking and cycling within campus  
- Giving incentives for sustainable travel  
- Reduce the need for staff and students to travel to campus (work from home / virtual attendance where feasible)  
- Charging for private vehicle usage on campus |
| 6.     | Transition to a zero emissions vehicle fleet | - Transitioning own fleet vehicles to electric vehicles  
- Building car-share policies and schemes  
- Enabling access to renewable energy or biofuels |
| 7.     | Implement sustainable business travel | - Encouraging virtual meetings/conferences  
- Encouraging public modes when available  
- Using airline carbon offsets as a last resort |
| 8.     | Replace energy intensive equipment | - Upgrading Heating, Ventilation and Air Conditioning (HVAC), lighting and other energy-consuming systems  
- Replacing gas with electricity |
| 9.     | Retrofit campus buildings | - Installing smart HVAC systems  
- Building shared office and low footprint spaces for work and study  
- Retrofitting existing building stock to increase energy efficiency |
| 10.    | Construct new sustainable buildings | - Incorporating sustainable building practices and policies  
- Reusing existing buildings and materials to reduce building waste  
- Including green infrastructure/green spaces on campus |
| 11.    | Participate in a circular economy | - Reviewing waste contracts  
- Encouraging behaviour change programs to support initiatives  
- Assessing and replacing single use materials |
| 12.    | Implement material recovery on campus | - Share schemes and networks for wastewater/donations  
- Composting schemes |
| 13.    | Implement sustainable procurement practices | - Providing policies and guidelines on the procurement of environmentally friendly products that are made locally, with post-consumer recycled content, recyclable, energy efficient, and bio-based products  
- Influencing suppliers to reduce emissions |
| 14.    | Purchase offsets | - Using verified carbon offsets or carbon credits to offset residual emissions that can’t currently be abated  
- Using offsets in parallel with emissions reduction initiatives without replacing opportunities for actual emissions reduction on campus |
| 15.    | Act as an amplifier of change | - Magnifying knowledge and expertise to influence change  
- Acting as living labs  
- Testing solutions at scale on campus and in local communities  
- Convening and connecting key stakeholders |
| 16.    | Engage with student bodies | - Embedding student engagement in decarbonisation initiatives  
- Enabling student-led sustainability leadership groups  
- Supporting student-led initiatives and innovation on campus |
| 17.    | Encourage net zero aligned education, research and innovation | - Providing meaningful experiential learning opportunities for students  
- Supporting research and innovation from staff and students in the university and external contexts |

The full Guide is available at [https://www.unsdsn.org/net-zero-on-campus](https://www.unsdsn.org/net-zero-on-campus)