# Sustainability Policy and Plan – Draft outline

This sustainability plan includes the goals, strategies and actions to implement the Sustainability Policy.

Key principles and commitments of the D200 Sustainability Policy include:

A. D200 will manage its resources in a sustainable and equitable way, toward the goal of meeting the needs of the present without compromising the ability of future generations to meet their needs.
B. Students, in addition to technical experts and D200 staff, will be involved formally on the D200 Sustainability Committee and will be involved in developing and revising plan strategies and reviewing the annual ghg emissions and sustainability metrics report.
C. Subsequent detailed plans under specific Goal areas will be developed by August 2022.
**D. Ongoing education of staff and students and the broader D200 community will be a regular component of the D200 Sustainability Policy and Plan, including staff trainings and student in-class and field and project-based learning about the climate crisis, equitable sustainability and other sustainability topics.**

**I.** **Goal 1 – Sustainability Scorecard:** Develop a scorecard with all sustainability metrics, to be used in annual reporting on execution of sustainability plan by August 2022.
   a. Strategy 1.1: Obtain 2010 benchmark energy consumption for natural gas and electricity.
      i. Action 1.1a: Compile usage from either prior bills or from energy supplier. – Ron A by XXXX
   b. Strategy 1.2: Develop baseline (2022) data for everything outside of gas, electricity.
      i. Action 1.2a – List out and prioritize (based on expected impact) all other resource areas
      ii. Action 1.2b – develop benchmark data, as well as methods used to gather data, for each resource area
      iii.
   c. Strategy 1.3 – Develop scorecard including annual values as well as actions
      i. Action 1.3a Populate scorecard
   **d. Strategy 1.4 – Engage D200 Sustainability Committee in periodic review (quarterly meetings) to discuss report card results and subsequent strategies moving forward.**

**II.** **Goal 2 - Greenhouse Gas Emissions Reduction**: Reduce greenhouse gas emissions by 45% from 2010 levels by 2030, and 100% by 2050.
   a. Strategy 2.1: Procure 100% renewable electricity by 2025

**b. Strategy 2.2 Reduce annual electricity consumption by 15% from current level (2022) by 2030.**

i. Action 2.2a: Lights

**ii. Action 2.2b: Build upon previous energy audits and upgrades and look for opportunities to incorporate more efficient technologies**

c. Strategy 2.3 Reduce natural gas consumption by 20% by 2030 from current level (2022)

i. Action 2.3a: Identify all HVAC units with data of installation and current efficiency

**ii. Action 2.4 Develop an electrification strategy that includes education/learning about how and why, a tiered approach to infrastructure systems replacement, and financing strategy**

d. Strategy 2.4: Convert D200 fleet to green energy **and require bus service vendors to use 100% Electric Buses by 2030**

e. Strategy 2.5: Provide EV stations for non-fleet vehicles
(note – if we are going to be providing electricity to employees, students, we need to separate usage )

f. Strategy 2.6: Incorporate green energy into new facilities construction

**g. Strategy 2.7: Coordinate EV infrastructure planning with other village governing bodies**

**h. Work with consultants to develop a detailed Energy Road Map that factors in energy efficiency upgrades, solar/renewable energy procurement and on-site solar/renewable energy by volume for each strategy bucket in accordance with ghg emissions reduction goal timeline.**

**III. Goal 3 – Waste**: Reduce non-energy waste to landfill by 80% by 2030.

a. Strategy 3.1 – Develop a comprehensive (front and back of the house) composting plan

**b. Strategy 3.2 – Conduct periodic waste audits to establish a baseline and determine largest sources of waste, and develop a plan with education and measures for eliminating waste sources, increasing recycling and composting food scraps.**

c. Strategy 3.3 – Develop water conservation plan

**IV. Goal 4 - Education**: Incorporate sustainability into educational curriculum and employee training by Sept 2023

a) Strategy 4.1 – Employee engagement in sustainability

-Action 4.1a Draft communication on policy, plan for employees

-Action 4.1b Incorporate materials into onboarding

-Action 4.1c Develop recognition program for behavior supporting Policy/ plan

b) **Strategy 4.2 Student Curriculum (including extracurricular)-Build a sustainability curriculum team (administrators, teachers, students, board members, curriculum experts, etc.)**
c) **Strategy 4.3 Analyze current sustainability curriculum offerings and identify gaps**
d) **Strategy 4.4 Develop a plan for systematizing sustainability education into multi-disciplinary course offerings**

V. **Goal 5 – Food: Increase healthy, local and sustainable food options as part of the school lunch program**
   a) **Strategy 5.1 Research local, sustainable school food meal programs at other K-12 schools, and explore vendor models**
   b) **Strategy 5.2 Abide by the principles of the Good Food Purchasing Policy**
   c) **Strategy 5.3 Incorporate a local, sustainable line item in the annual school food budget (amount TBD)**

VI. **Goal 6 – Sustainable Purchasing Policy**

**Strategy 6.1 D200 will provide targeted solutions to minimize waste, encourage environmentally friendly supply chains, and look for innovative solutions in the general fields of: energy, water, construction, HVAC, lighting, maintenance, landscaping, food services, transportation, information technology, paper products, and refuse.**

**Strategy 6.2 In fulfilling our commitment to environmental stewardship, all purchasing should meet or exceed guidelines for Environmentally Preferable Purchasing (EPP) set by the U.S. Environmental Protection Agency or one of the peer reviewed sustainable product rating programs.**

**Success Indicators**

1. Greenhouse gas emissions reductions by volume and as a percentage in relation to ghg emissions reduction goal.
2. Percentage of renewable electricity in relation to total electricity used and in relation to 2025 goal.
3. Reduction of natural gas usage in relation to goal.
4. Percentage of fleet vehicles that are electric or non-fossil-fuel based.
5. Percentage of buses used to transport students to and from school and activities that are electric or non-fossil-fuel based.
6. Total material generated annually in the building (landfill, recycling, organic).
7. Total material diverted from landfill in relation to material diversion goal.

8. A fully detailed sustainable procurement plan implemented.
9. Core sustainability topic areas systemically integrated across grade levels and departments as determined by the Sustainability Education Committee.
10. An annual report card published and distributed.
11. Percentage/volume of food procured for school lunch program.
12. Dollars spent annually on local, sustainable food.
13. Student evaluations on taste and healthiness of school food options.