LEARNING MOMENT
Sustainability

Julie Benda
MFA Spring 2016 Graduate

MCAD
Sustainable Campus Initiatives

What is a sustainable campus?

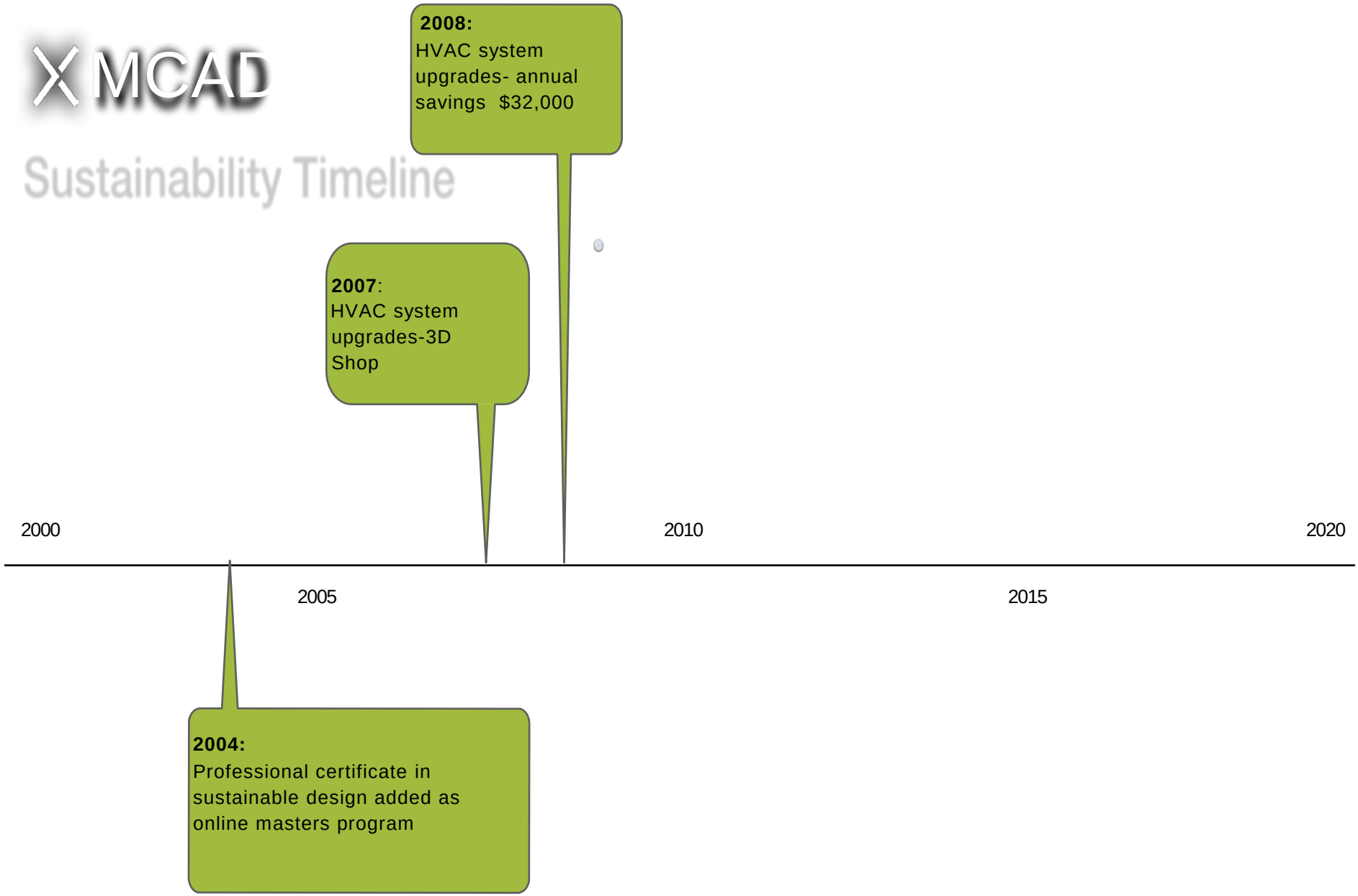
A sustainable campus involves promoting work practices, services and life styles that don't compromise the lives and health of future generations.

In order to unify efforts and strive to create a sustainable campus environment, the Sustainable Environment Action Committee was formed in Fall of 2012.

SEAC

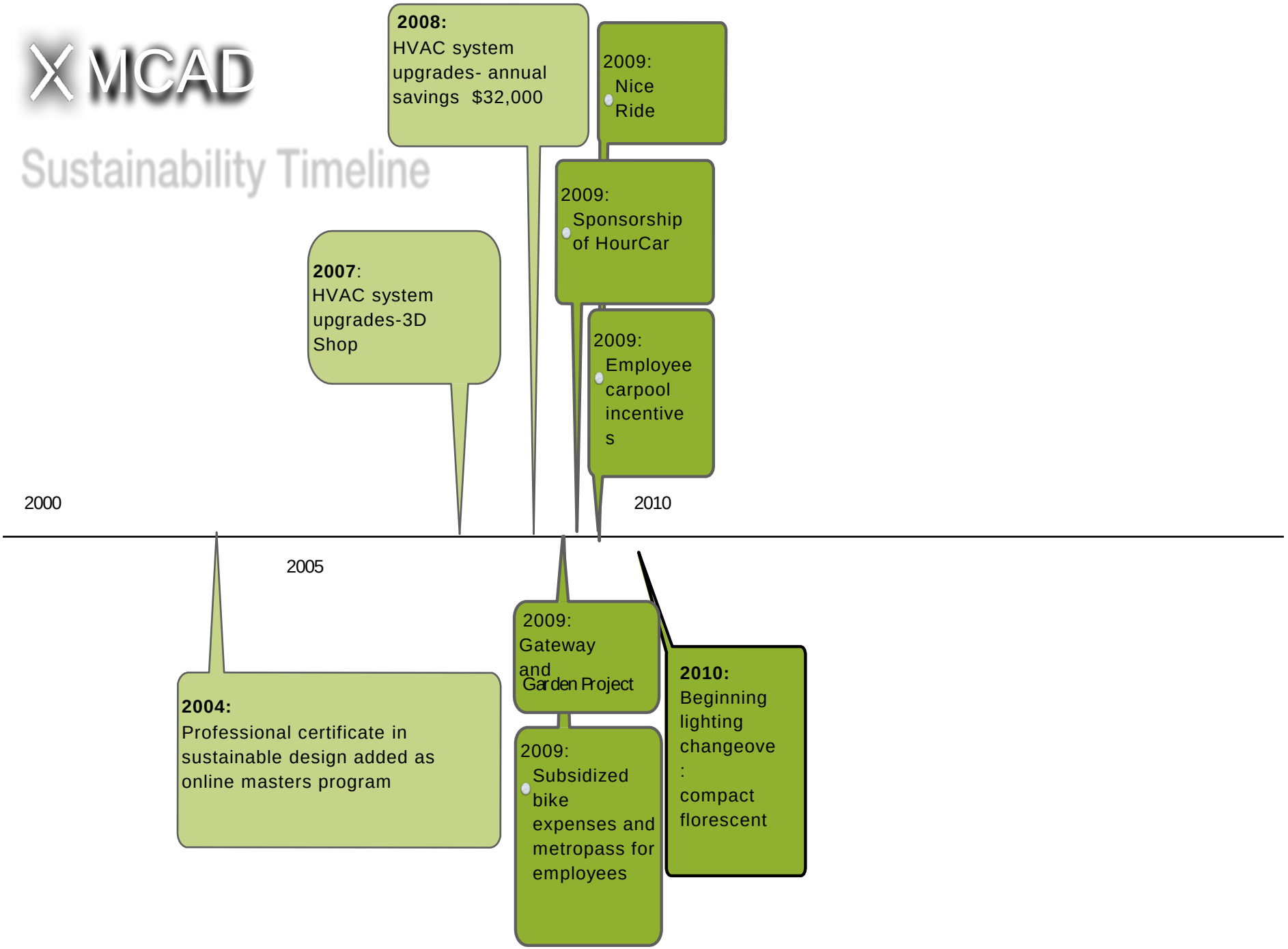
MCAD

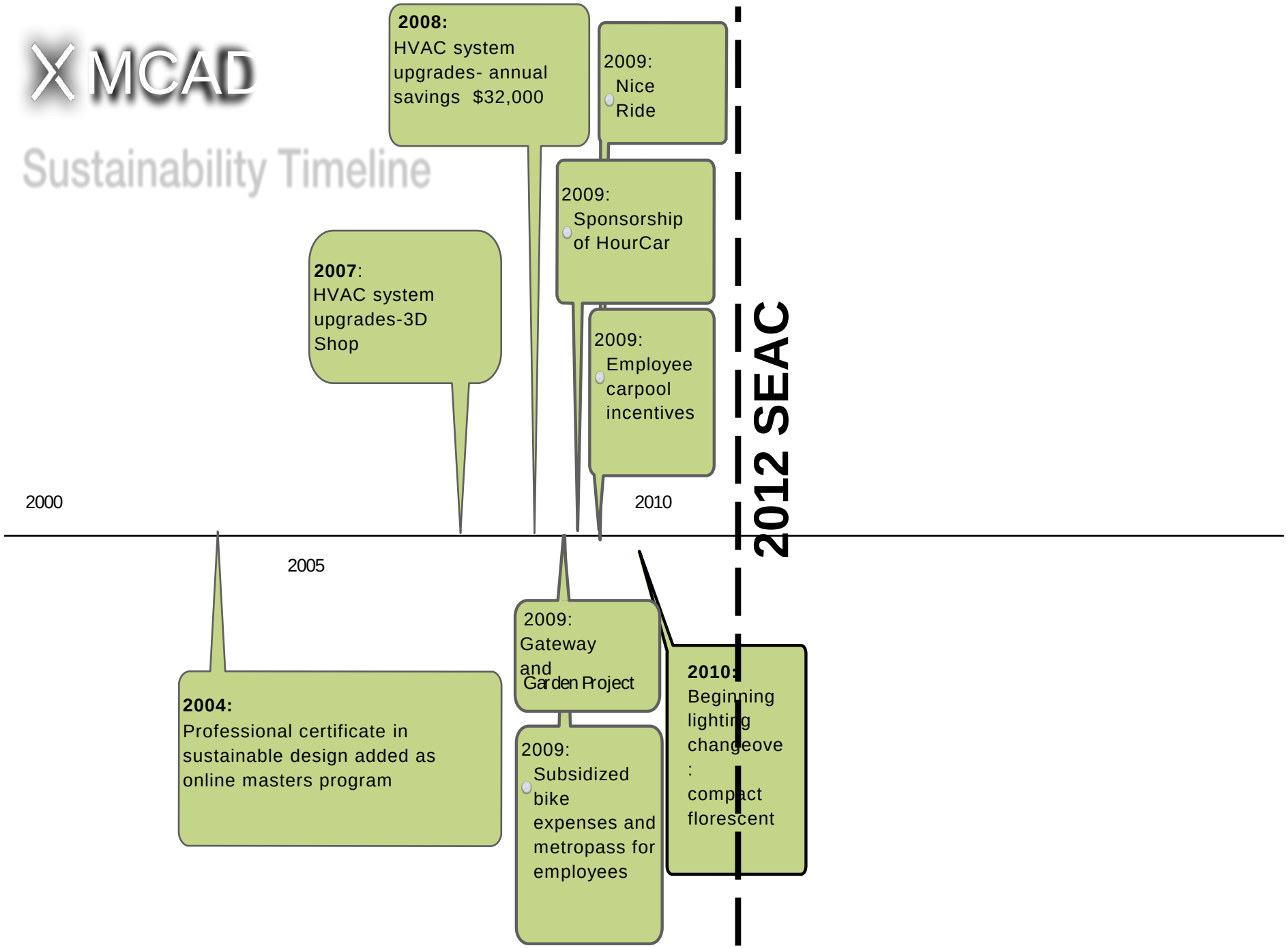
Sustainability Timeline



MCAD

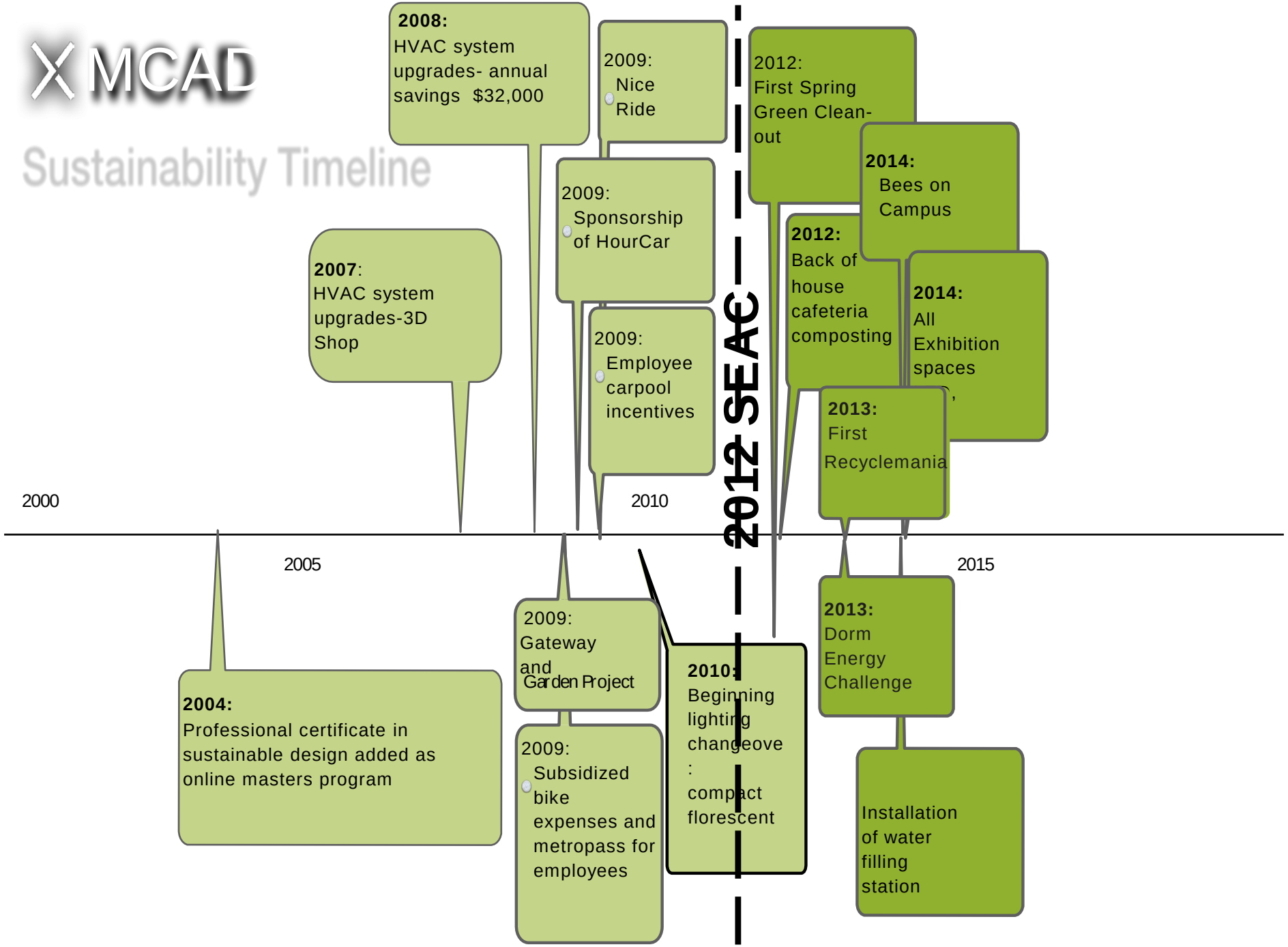
Sustainability Timeline




MCAD
Sustainability Timeline
2008:
HVAC system upgrades- annual savings $32,000
2009:
Nice Ride
2009:
Sponsorship of HourCar
2007:
HVAC system upgrades-3D Shop
2009:
Employee carpool incentives
2000
2010
2012 SEAC
2005
2009:
Gateway and Garden Project
2004:
Professional certificate in sustainable design added as online masters program
2009:
Subsidized bike expenses and metropass for employees
2010:
Beginning lighting changeove
:
compact florescent

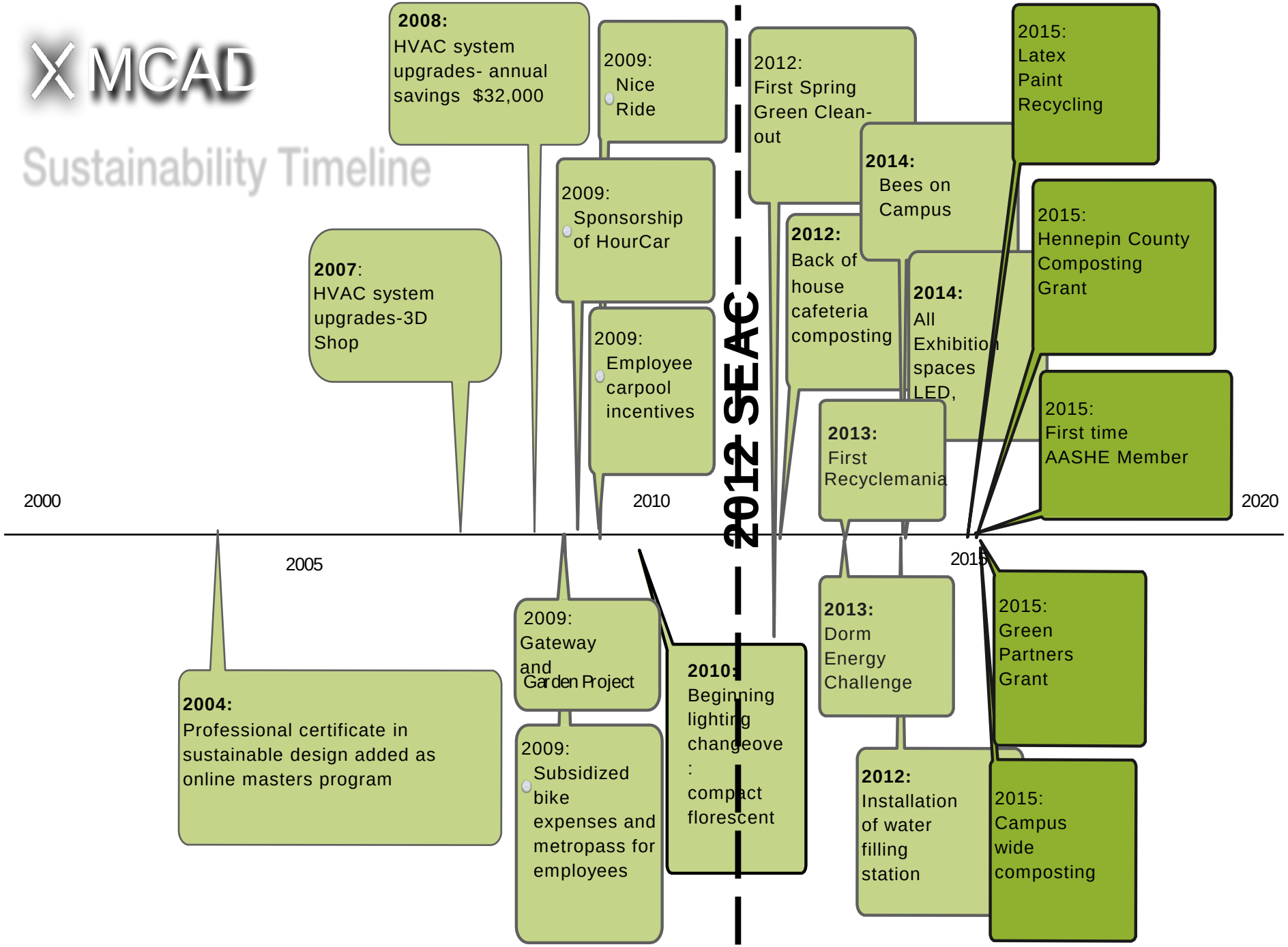
MCAD

Sustainability Timeline



MCAD

Sustainability Timeline



Categories of a sustainable environment:

- Waste and Recycling
- Energy and the Built Environment
- Academics
- Food
- Technology
- Transportation
- Water Quality and Conservation

Academics

Currently, MCAD offers 17 courses that focus on

sustainable systems and

design thinking within the MASD program.

Several undergraduate courses cover sustainable topics, including studio, liberal arts, and entrepreneurial studies.

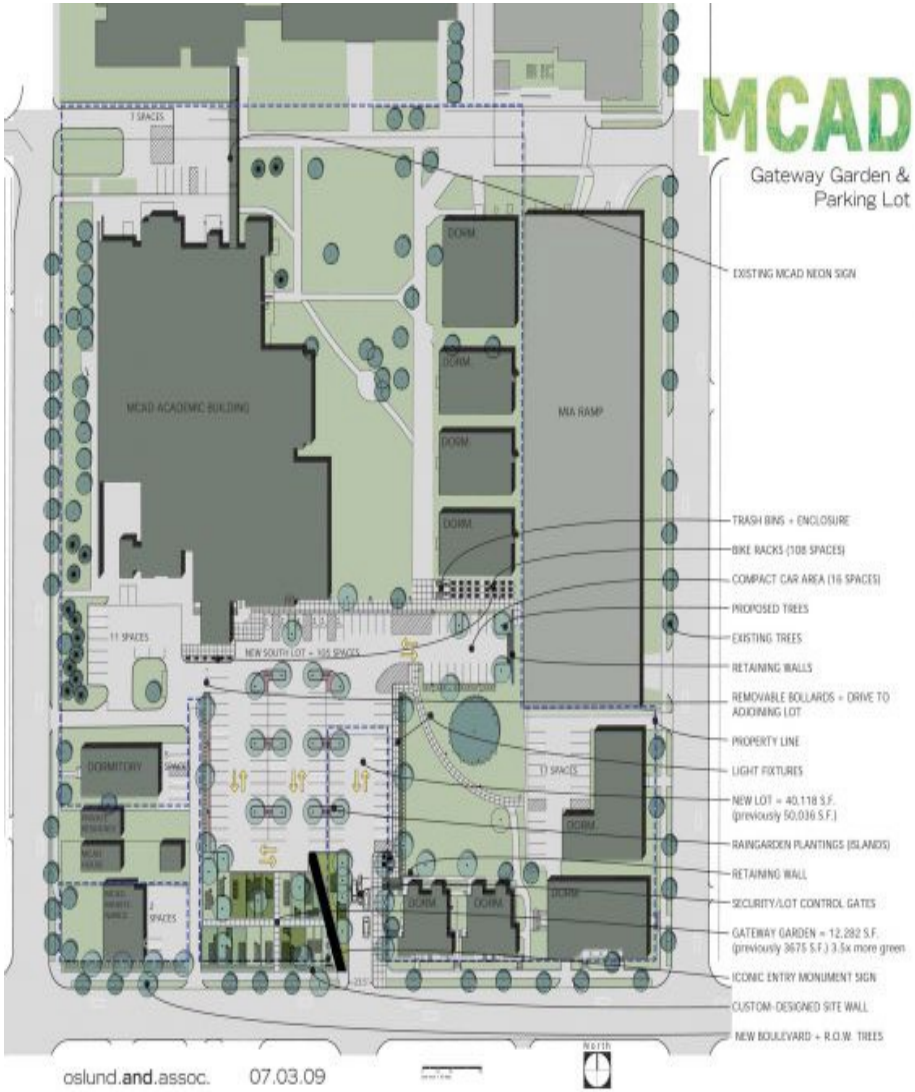
Energy and the Built Environment

Energy Efficiency and Renovations

- Replaced all medium-based lamps to LED or compact fluorescent
- Installed occupancy and motion sensors in restrooms and stairwells
- Received $76,000 from Xcel and Centerpoint Energy for energy saving projects
- Implemented energy efficient projects which save $195,000 annually in utilities costs
- Deferred maintenance of $1.3M with M/LAB renovations.

Landscape

The Outdoor Campus

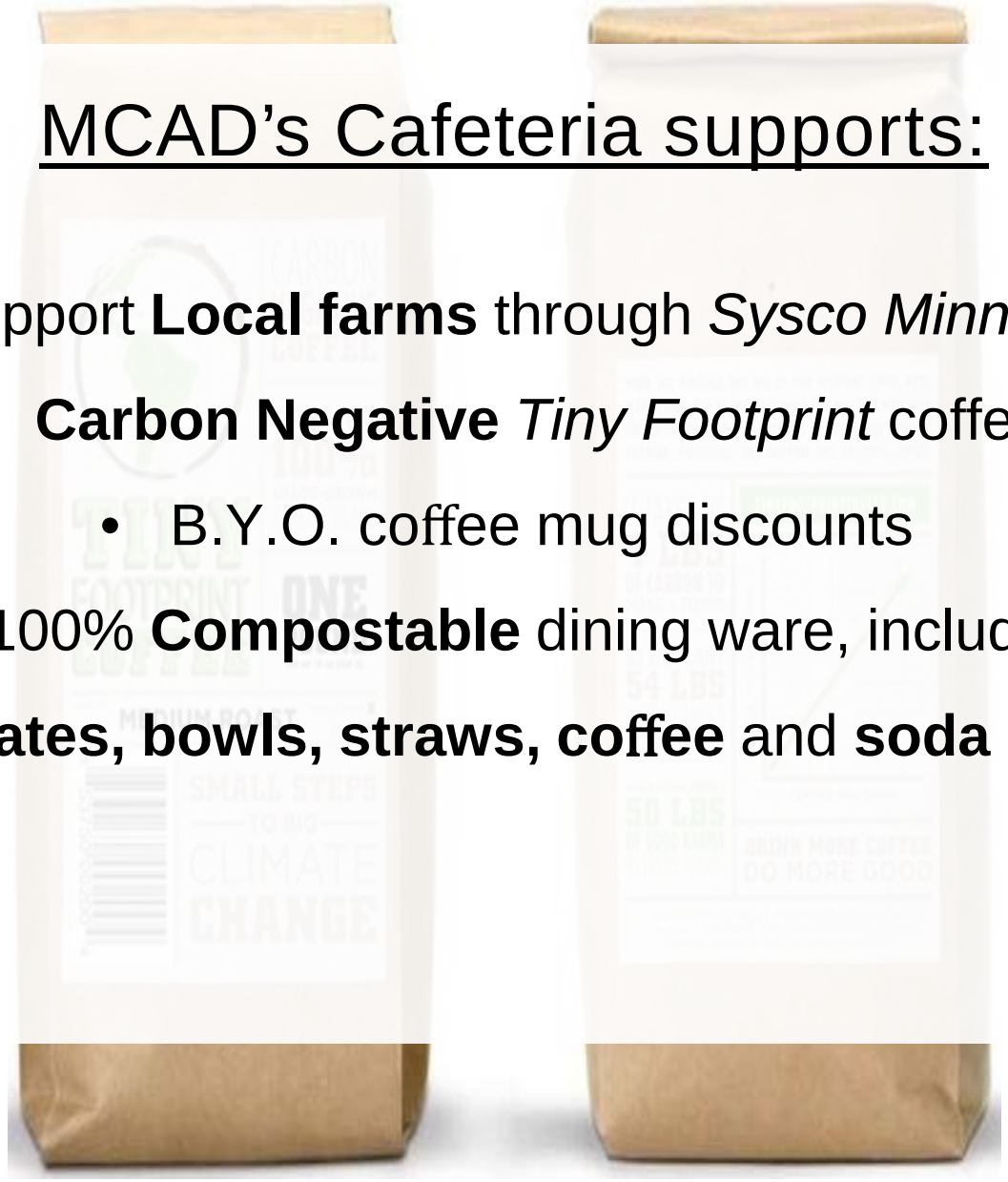


- Lowest toxic pest management practices
- 2015 planting of Student Garden Bed
- Rooftop Bog
- Installation of storm water runoff systems in parking lot
- Since 2009, **over 83 trees** have been added to the landscape, increasing canopy cover and shade!
- Addition of **pollinator friendly plant species**, with goals to continue pollinator plantings into future landscapes

Food

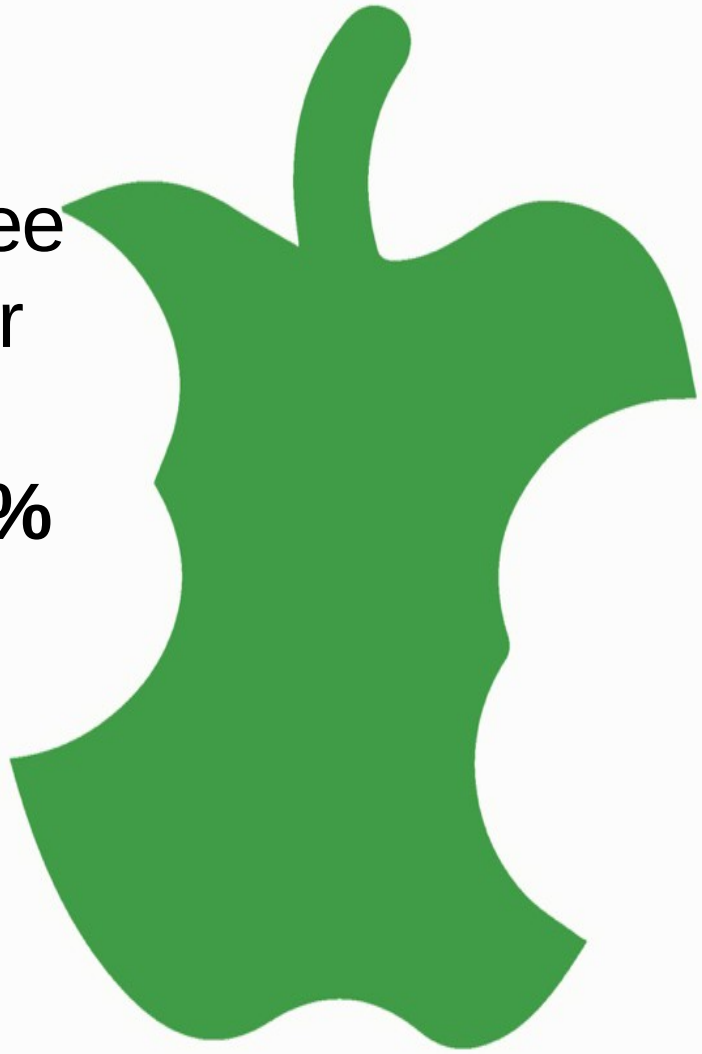
MCAD's Cafeteria supports:

- Support **Local farms** through *Sysco Minnesota*
  - **Carbon Negative** *Tiny Footprint* coffee
    - B.Y.O. coffee mug discounts
  - 100% **Compostable** dining ware, including **plates, bowls, straws, coffee** and **soda cups**

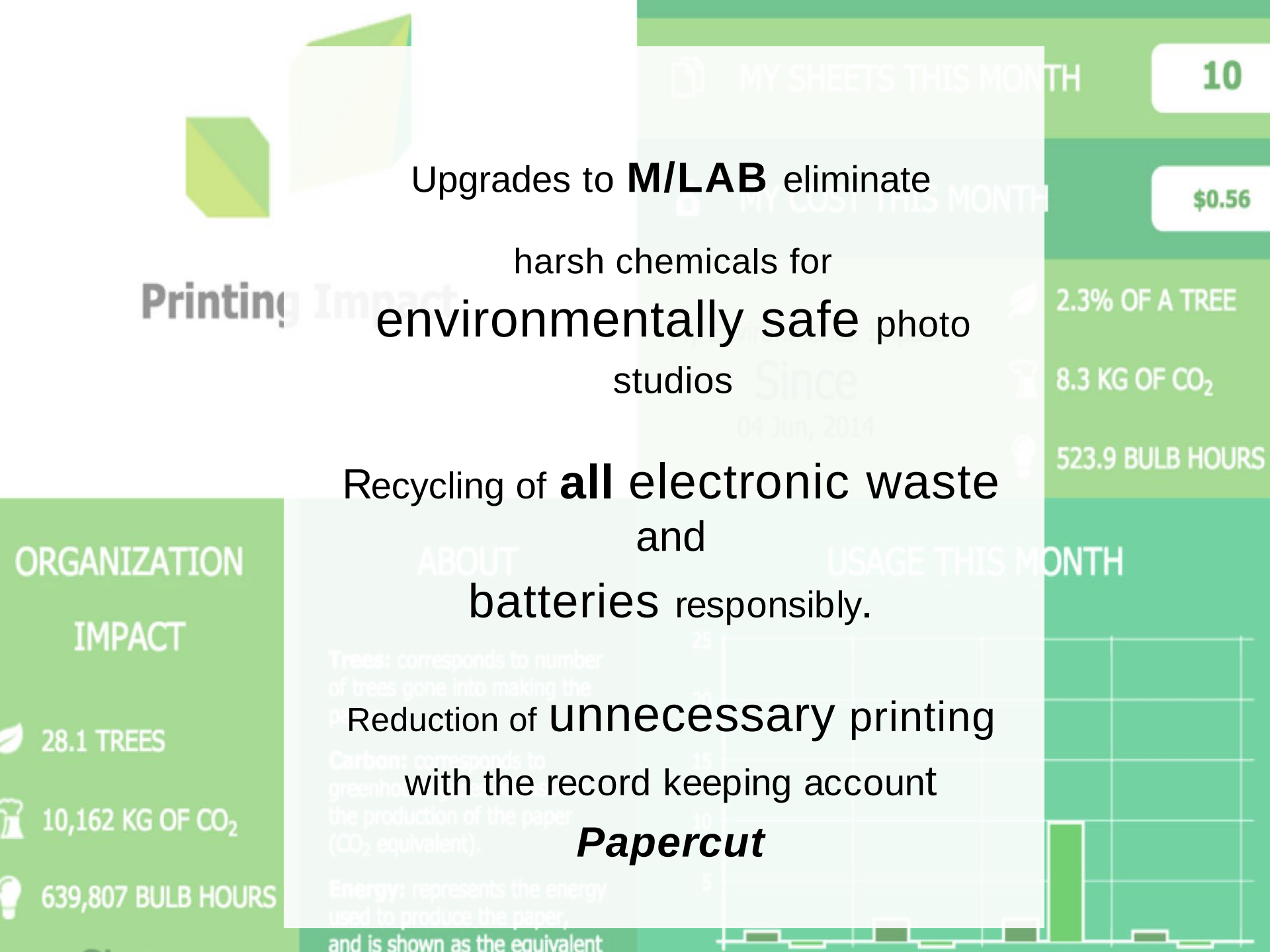


Waste and Recycling

With the help of recycling programs, composting, the free shelf, and our end of the year green clean out for student housing; MCAD **diverted 47% of our waste** away from landfills this past year.



Technology



Upgrades to **M/LAB** eliminate

harsh chemicals for

environmentally safe photo

studios

Recycling of **all** electronic waste

and

batteries responsibly.

Reduction of unnecessary printing

with the record keeping account

Papercut

Transportation

In 2010, Minneapolis College of Art and Design was awarded Metro Transit's **Best Holistic Programs Innovation Incentive** as an organization, and the as an employer.

MCAD was able to reduce their **Single Occupancy Vehicle** rate from **80% to 60%** between 2007 and 2010.

HOURCAR : The participants of car shares at the MCAD hub
reduced greenhouse gas emissions by 49 tons in 2014

- NICE RIDE : Bike rental available on campus April-November
- MetroPass: MetroPass Bus discounts for employees
- GO TO College Pass
- Carpool and Vanpool Incentives: Preferred and free parking for carpools registered through Metro Transit Rideshare
- Shuttle Services: Shuttle Services are offered to students for groceries and supplies
- Parking Policies: Reduced Single Occupancy Vehicle rate from 80%-60%
- New! Electric Vehicle charging station on campus!

Student Groups

Green Club: Student Club organizing to establish and maintain campus garden, as well as activities for students to interact and engage with nature

Bee Club: A Student club facilitated by staff member Diana Eicher, a club managing and promoting a bee friendly campus, including maintenance of two hives.

Student Action Network: Two MCAD students currently participate in this Multi-school network supported by Hennepin County Roots grant.

Whats next?

EXPAND

Student, Faculty, and Staff participation

Allocate existing departments resources to alternative solutions

Thank You
mcad.edu/sustainability