ENVIRONMENTAL STEWARDSHIP ADVISORY COMMITTEE

MAY 23, 2018
CO-CHAIR ELECTIONS

3 required: parent, employee, community member

Responsibilities:

• Plan direction and priorities for ESAC (with staff)
• Develop ESAC meeting agendas (with staff)
• Establish subcommittees (with staff)
• Lead all non-subcommittee ESAC meetings and enforce parliamentary procedures (subcommittee chairs lead their respective meetings).
• Represent the ESAC and sign on behalf of ESAC
• Perform other ESAC-related responsibilities as requested by Superintendent or ESAC staff coordinators
CO-CHAIR ELECTIONS

THE NOMINEES

Community Member:
CO-CHAIR ELECTIONS

THE NOMINEES

Community Member: Mary Priddy
CO-CHAIR ELECTIONS

THE NOMINEES

AISD Employee:
CO-CHAIR ELECTIONS

THE NOMINEES

AISD Employee:
Dr. Sherry Lepine
CO-CHAIR ELECTIONS
Congratulations
AISD Sustainability Updates

Darien Clary
EARTH WEEK
APRIL 16-20

Green Meme Contest:
Meme must be informative and spark a behavior that supports sustainability
AISD Sustainability: An organized approach for the school district, the city, and partner organizations to build a culture of environmental awareness and action together while enhancing educational outcomes for our most precious resource: our students.
Austin ISD Sustainability Plan

Development & Structure

To support the aforementioned 2010 Exemplary and 2012 Sustainability Goals, the Environmental Stewardship Advisory Committee helped develop strategies to incorporate the Austin ISD Sustainability Plan, which complements the agency committee’s vision “to enable a systematic approach to inspire our students to become stewards of the environment, resulting in improved student learning and academic achievement.” Appendix 1 outlines the themes identified in the 2013 AISD Sustainability community visioning session, and Appendix 2 highlights the milestones achieved by the ESSAC in the development of the plan. The ESSAC created several working groups to undertake the detailed work required to develop the sections of the plan, including Energy & Water, Waste & Procurement, Transportation & Air Quality, and Food & Nutrition. Members were challenged to identify strategies for each action area that addressed Teaching & Learning, Infrastructure & Operations, and Community Engagement. To help prioritize, each strategy was evaluated according to cost, impact, and effort, indicating whether a strategy was not started, in progress or complete or revealed that a handful of strategies were already underway. This information helped not only with planning, but in serving as a quick reference for teachers, district administrators, and community groups to know which initiatives are taking place across the District. Public input at community meetings has also added another layer of information about what the larger community would like to see regarding district sustainability initiatives. (See “Community Engagement” section, below.) Appendix 2 shows the organizational structure of both the Sustainability Plan and the ESSAC. Consistency in the two structures facilitates implementation, for each subcommittee is responsible for guiding and implementation, updating the AISD Sustainability Plan Tracking Database as progress is made, and integrating new strategies as opportunities arise

Figure 2.

Austin ISD Environmental Stewardship Advisory Committee & Sustainability Plan Organization

- Teaching & Learning
- Infrastructure & Operations
- Community Engagement
- Energy
- Water
- Waste
- Procurement
- Transportation
- Air Quality
- Food
- Nature

DRAFT 20180615
SUSTAINABILITY PLAN DRAFT

Transportation & Mobility

Introduction

The Transportation Action Area encourages the availability and use of more sustainable transportation and mobility options for students and their families, staff, and visitors to AISD schools and facilities.

Overarching Goals

1. Reduce peak time commuters for AISD by 20% by 2026. 3
2. Reduce greenhouse gas emissions from transportation to reach net zero emissions by 2050. 4

Strategies and Tactics

- Maximize single-occupancy vehicle trips and reduce miles driven.
- Increase the use of cleaner-burning fuels when fuel-hungry vehicles are required.
- Increase mobility options for everyone.

Current Initiatives and Achievements to Date

- Austin ISD Superintendent signed the City of Austin Mobility Pledge to decrease AISD staff commuting by 20% by 2026.
- Implemented an AISD commuter survey and cluster analysis, established baseline of 94% employees driving alone to work.
- Created the Transportation and Utility Usage page on the AISD Sustainability website.
- Obtained employee accessibility and created online menu for cartshare and bike share.
- Collaborated with AISD Human Capital on a survey and presented policy draft and pilot groups.
- Explored feasibility of Compass EV charger plan in partnership with Austin Energy.
- Investigating feasibility of downtown and employee transit pass program with Capital Metro.
- Investigating greenhouse gas emissions reporting frameworks and inventory tools.

Priorities for the Next Three Years

- Each year engage at least 7% of employees in an every-day mobility option, and/or 8% of employees in a “one day per week” mobility option.
- Establish baseline greenhouse gas emission data from transportation emissions.
- Support campus and fleet initiatives to reduce idling and increase the use of cleaner fuel.

Alignment: City of Austin Mayor’s Mobility 2020 Pledge http://www.mayorofaustin.org/pledge
Alignment: City of Austin Climate Action Plan http://www.austinclimateplan.com
As of Spring 2018, over 100 strategies are underway to make Austin ISD and our community a more sustainable place.
Austin ISD has embraced sustainability as a driving force behind its mission to provide a comprehensive educational experience that is high quality, challenging, and inspires students to make a positive contribution to society. Sustainability is a channel through which Austin ISD will reinvent the urban school experience.
SUSTAINABILITY PLAN DRAFT

Next Steps:
- Written update to Board of Trustees
- Feedback over summer
- Post final version on AISD Sustainability Website
ESAC RECOGNITION

May 21, 2018 AISD Board Meeting
ESAC Recognition
SUSTAINABILITY ACTION AREA UPDATES

SUBCOMMITTEE LEADERS
SUSTAINABILITY ACTION AREA UPDATES: ENERGY & WATER

RICHARD SHEARMAN
ENERGY AND WATER

- Installed first real-time water monitoring system at Paredes Middle School on Monday 21\textsuperscript{st} May. Live data should be available Friday 25\textsuperscript{th}.

A slow leak on the system is averaging 105 gallons per hour or 1,890 gallons lost a day when the system is not in use.
ENERGY AND WATER

• AISD Performing Arts Center won an Excellence in Water Conservation Award at AW’s annual awards ceremony on April 27.
ENERGY AND WATER

Plans for coming months:

• Participate in Austin Energy Load Coop program
• Summer efficiency schedules
• Seven schools being considered for EV charging stations
  ◦ Austin HS, Bowie HS, Lanier HS, Travis HS, Dobie MS, Kealing MS, Linder ES
• New solar arrays nearing completion
  (Boone 99kW, Paredes 296kW)
SUSTAINABILITY ACTION AREA UPDATES: WASTE & PROCUREMENT

AMANDA MORTL
Accomplishments:

- Zero waste event guidelines
- Training for Custodial Staff at Annual In-service Day
- Waste Optimization Study
- Part time staff member
- Voluntary program for schools to improve composting and recycling in common areas (CAPGOG Bin Grant)
In progress:

- Composting services to remaining 26 schools
- Zero waste Station setup guide, downloadable signs
- Zero waste curriculum to classroom
- Student leadership through zero waste projects

Next steps:

- Recycling and compost in all athletic facilities
- Protocol for recycling and safe disposal of unique waste streams

Eastside Memorial ECHS Teacher shows off her hallway’s zero waste station to support their school’s Breakfast in the Classroom program.
News:

- Implemented compost at Austin HS, 25 more to go!
  - Students produced video, webpage, advisory lesson, PSAs, and electronic volunteer sign-up
- Image library for schools developing
- Zero Waste Toolkit available
  - Example PSAs
  - Bin request form
  - Sorting slideshows in English & Spanish
  - Sorting signage
- TDS Waste Optimization Report identified schools with
  - >16 cy landfill pick-ups/week (27 ES, 17 MS)
  - >30% population loss since 2013 (7 ES/PS)

Next steps:

- Update Campus Zero Waste Guide, and post it in AISD’s Zero Waste Toolkit
2/19 Discussion with Anita M. Procurement dept on purchases
  ○ No system for disposal of light bulbs or toner/ink cartridges
2/27 Family night as Gus Garcia for sustainability survey results
Found source for 4-gallon buckets
Lunch composting has been implemented at 103 of 116 sites
- 81 elementary schools
- 19 of 22 middle schools
- 3 of 13 high schools

5 implementations planned for Summer 2018
8 implementations planned for Fall 2018

5 schools committed to Breakfast in the Classroom composting pilot for fall 2018

1 School implemented composting pilot in bathrooms
Upcoming:
• Zero Waste Training for Teachers July 18th

Priorities:
• Securing funding to extend Zero Waste Specialist position for Fall 2018 and beyond:
  ◦ to complete cafeteria compost implementation
  ◦ for reevaluating Universal Waste disposal standard operating procedures
  ◦ to implement dumpster pick-up optimization study
  ◦ to support >90% landfill diversion by 2040
SUSTAINABILITY ACTION AREA
UPDATES:
TRANSPORTATION & AIR QUALITY

ROB BOROWSKI
SUSTAINABILITY ACTION AREA UPDATES: FOOD & NATURE

ANNE MULLER
AISD SCHOOLYARD HABITAT FEATURES
(total number of schools)

- Vegetable: 94
- Habitat: 82
- Pond: 77
- Outdoor Classroom: 72
- Compost/Vermiculture: 57
- Rainbarrel/Cistern: 52
- Solar: 33
- Chickens: 25
- Nature Trail: 24
- Nature Play: 23
- Berm/Swale: 20
- Campus Master Plan: 16
- Community Garden: 15
- Livestock/other: 14
- Rain Garden: 13
- Nature Preserve: 10
- Bees: 5
SUSTAINABILITY ACTION AREA UPDATES: COMMUNITY ENGAGEMENT

DARIEN CLARY
**Goal:** to garner input for and build public will, interest, and awareness of the Sustainability Plan

**Methods:** affinity voting on strategies displayed via posters at events. Posters feature English and Spanish. Each ESAC subcommittee conduct process at a minimum of 2 events.

- Participants mark the 6 strategies that are important to them.
- Post-its also provided for participants to contribute new suggestions.
COMMUNITY ENGAGEMENT

Results

— 9 events in the following AISD Districts: 1, 2, 3, 5, 6, and 7
— ~400 respondents participated
— Respondents represented:
  — all 7 AISD Districts
  — students, teachers, AISD administration, and parents
— The types of events included: Science Fest, Family Nights, PTA meetings, teacher trainings, public gatherings, and AISD’s Superintendent Student Roundtable
The bar chart shows the number of votes for different initiatives:

- **Transportation & Air Quality**: 684 votes
- **Zero Waste & Procurement**: 553 votes
- **Food & Nature**: 993 votes
- **Energy & Water**: 587 votes

Detailed initiatives include:
- Offer transportation alternatives for staff and teachers
- Facilitate transportation solutions for students
- Promote no-idling at schools
- Use alternative fuel vehicles & electric charging stations
- Use electric, clean equipment
- Promote district-wide tobacco-free policy
- Use cleaning products free of air pollutants
- Provide recycling & composting tools to staff
- Train custodial staff in recycling
- Reduce water consumption
- Reduce paper usage
- Reduce plastic usage
- Reduce waste generation
Total Votes

- Transportation & Air Quality: 587
- Zero Waste & Procurement: 684
- Food & Nature: 993
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THANK YOU for all you do to help AISD be green!