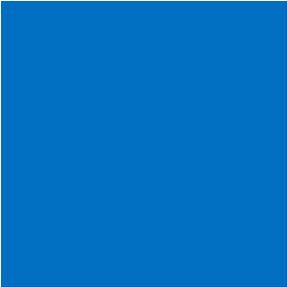
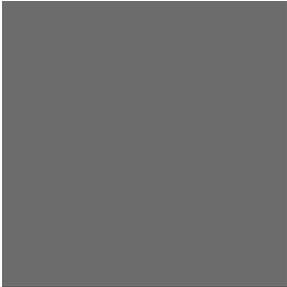


Oxnard College

Sustainability Plan

June 2016



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College Philosophy

*Oxnard College is dedicated to the philosophy of providing educational programs that develop **individual abilities**, **strengthen human relationships**, **enhance community life**, and **heighten global consciousness**. We recognize that the process of education is a process of exploration that depends on mutual responsibility.*

*Oxnard College looks to the **past** to understand the **present** in order to produce a more successful **future**. It strives to be innovative and responsive to the educational needs and demands of society in an atmosphere of shared governance, mutual respect, and trust. Oxnard College is responsive not only to community needs but also to the needs of our larger society.*

Background and Process

Development of the Oxnard College Sustainability Plan involved active participation of students, faculty, staff, local municipalities, utility representatives, contractors and ancillary support staff. To effectively capture all essential data for Plan development, the process included:

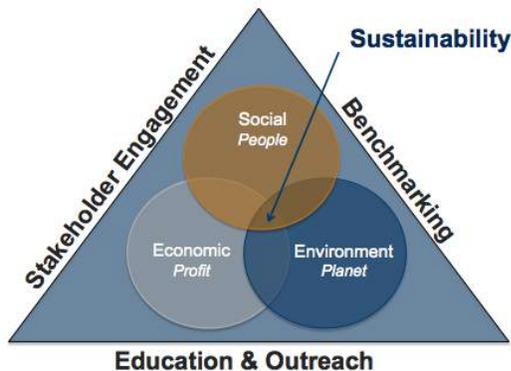
- **Campus Interviews**

Interviews took place in Summer 2015 with staff, students and faculty to learn about current campus and District sustainability initiatives, understand current activities, accomplishments, goals, and strategies and begin to identify next steps for success.

- **Campus Workshops**

Campus Workshops took place in October of 2015 and in April 2016. The workshops introduced the campus to sustainability benchmarks, encouraged brainstorming of sustainability goals, and required active group participation through a series of development activities. With participation from over 40 stakeholders representing a diverse group of backgrounds, departments, and experiences, the forums identified agreed-upon goals for campus sustainability in areas of **Energy Efficiency, Waste Management, Water Reduction, Transportation, and campus Outreach.**

Many are familiar with the triple bottom line: people, planet, and profit, with sustainability located in the sweet spot at the center of the three—but our process involves another facet of this notion. In order to be successful with the triple bottom line, it is essential to have the following:



- **Stakeholder engagement** to gain campus buy in and to create a sense of ownership of sustainability initiatives and goals
- **Baseline development and benchmarking** so the campus can continue to make progress and improve performance
- **Education and outreach** to create awareness and to implement continued improvement over time

The goal of this plan is to create a dynamic and engaging roadmap that students, faculty, and staff will reference continuously during Oxnard’s mission to pursue resource efficiency. The process we use in crafting this sustainability plan encourages insight and support of campus stakeholders, and develops specific and measurable goals that are appropriate for the Oxnard College specifically. The workshops and meetings with campus stakeholders shed light upon which areas of campus the Oxnard community feels most invested in making improvements. Sustainability is a group effort—it demands collaboration and active participation in order to inspire short- and long-term improvements. Involving campus stakeholders in the process enables the ability to make lasting and impactful change in campus resource efficiency.

Goals for Sustainability

Oxnard College maintains approximately 188 acres and over 420,000 square feet of building space. With this quantity of space, 335 faculty and staff members, and the educating of over 7,000 students per year, Oxnard College recognized the need to sort and prioritize initiatives for sustainability throughout the campus. Information from the interviews, data collection, and forum proceedings honed Oxnard's vision for sustainability, set priorities and time lines, and are formally expressed in the following Plan. Oxnard's vision of a sustainable and resilient campus is one that fully minimizes its environmental impact regenerating ecosystem function whenever possible, honors and strengthens a diverse and supportive community, makes economic decisions using a full and accurate accounting that includes environmental and social costs and benefits, and fully integrates the design and implementation of the plan into curriculum whenever possible.



Energy Efficiency



0-1 Year Goals

1. Perform energy audits on all campus buildings
2. Develop an education and outreach program to promote behavioral changes for energy reduction
3. Develop a timeline for installing individual meters on campus buildings
4. Develop a renewable energy task force of campus stakeholders to research renewable energy technologies and identify potential installation locations on campus

1-3 Year Goals

1. Reduce campus energy use by 15% (on a per square foot basis) by 2020
2. Provide 2% of on-site renewable energy to offset campus energy use by 2020

3-6+ Year Goals

1. Install meters on 100% of buildings by 2020
2. Benchmark all campus buildings through Energy Star Portfolio Manager, targeting a score of 75 or higher
3. Increase on-site renewable energy power to 4% by 2023
4. Benchmark building performance and operations through a 3rd party system

2014-2015 Campus Baseline*

Annual Electricity Use	Annual Natural Gas Use	Gross Square Feet	Weeks of Operation	Average Energy Use (EUI) per Square Foot
4,581.917 kWh	52,750 therms	420,551 SF	51	1069*

*EUI is energy use per square foot per week. An EUI of 1069 is equivalent to the energy used by 16 single-family homes per week.

0-1 Year Success Plan

- Perform energy audits on all campus buildings and implement all low- to no-cost upgrades.**
 1. Evaluate plug and process loads (computers/servers), HVAC (review schedule and run times of energy using systems), lighting (interior/exterior retrofits, daylight harvestings, controls, LEDs, etc.).
 2. Determine which buildings need individual building energy meters and develop a roadmap for installation.
 3. Contact utility account representatives as they might have programs in place to perform energy audits free of charge.

- Develop an education and outreach program to promote behavioral changes for energy reduction.**
 1. Work with Information Technology to assist in behavioral change programs and discuss equipment settings to reduce energy usage through plug/process load and data centers.
 2. Work with students on developing approved signage to be placed in buildings to remind stakeholders of energy efficiency practices such as, but not limited to, turning off lights and equipment when not in use.
 3. As goals are achieved and successes noted, develop marketing plan to educate campus stakeholders.

- Develop a timeline for installing individual meters on campus buildings to monitor gas, electric, and water usage.**

- Develop a Renewable Energy Task Force of campus stakeholders to research potential renewable technologies.**
 1. Determine locations on campus for installation and systems integration.
 2. Evaluate Power Purchase Agreements (PPA) and other financing options.

1-3 Year Success Plan

- Reduce campus energy use by 15% (on a per square foot basis) over 2014-2015 baseline by 2020.**
 1. Evaluate implementation of low- to no-cost measures from energy audit to verify reduction (see 0-1 year goals).

- Provide 2% of onsite renewable energy for campus energy use by 2020.**

1. Based upon recommendations from Renewable Energy Task Force, implement a renewable energy project and develop curriculum based upon the project to promote and educate campus community.
2. Develop education and outreach plan for project and foster development of a living laboratory.

Energy Efficiency

3-6+ Year Success Plan

- Install meters (gas, electric, water) on 100% of buildings by 2020.**
- Benchmark all campus buildings through Energy Star Portfolio Manager, targeting a score of 75 or higher.**
 1. For buildings that do not achieve a score of 75 or better, perform an energy audit to determine areas for improved performance.
- Increase onsite renewable energy by 4% by 2023.**
 1. Implement Renewable Energy Task Force's project list as appropriate.
- Benchmark Building Performance and Operations through a 3rd Party System**
 1. Evaluate marketable and reliable 3rd party certification systems for efficient tracking and benchmarking of building performance data.
 - [LEED for Existing Buildings: Operations & Maintenance](#)
 - [BIT Building](#)
 - [AASHE STARS Program](#)

Energy Efficiency Resources

- For information regarding energy audits, review [ASHRAE](#) Level I Energy Audit guidance.
- Gain access to [Southern California Edison's \(SCE\) Green Button tool](#) to develop a load profile and track current campus performance data.
- Learn ideas and strategies for improved energy efficiency through [Energy Star](#).
- Input energy usage and track building performance through [Energy Star Portfolio Manager](#).
- Power Purchase Agreements (PPA) or electricity power agreement, is a contract between two parties, one, which generates electricity (the seller), and one, which is looking to purchase electricity (the buyer).
- Research rebates such as [Prop 39](#) funds, [Southern California Edison \(SCE\) Business Solutions](#), and [On-Bill Financing](#) to offset any upfront costs.
- Provide training for campus staff on energy efficiency through available seminars at [SoCalGas](#) and [SCE](#).
- Document savings of each improvement project and develop case study to share with campus.



0-1 Year Goals

1-3 Year Goals

3-6+ Year Goals

- 1. Reduce 10% of total campus waste (by weight) by 2017 over 2015 baseline

- 1. Reduce 15% of total campus waste (by weight) by 2020 over 2015 baseline

- 1. Reduce 20% of total campus waste (by weight) by 2023 by 2015

2015 Campus Baseline*

Material Type	Total Quantity	Quantity Diverted	Overall Diversion Rate 28.80%
Trash (Landfill)	254.82 tons	0 tons	
Cardboard	7.08 tons	7.08 tons	
Wood	59.42 tons	59.42 tons	
Commingled C&D	45.39 tons	39.12 tons	
TOTAL TONS	366.71	105.62 tons	

**2015 campus baseline as per Tonnage Report date May 11, 2016 from Harrison Industries.*

Waste Management

0-1 Year Success Plan

- Reduce 10% of total weight (of waste) leaving the campus over 2015 baseline.**
 - 1. Develop task force to spearhead implementation of waste and purchasing initiatives consisting of staff, students, faculty, waste hauler, and Food Service Department.
 - 2. Develop a comprehensive waste management plan that includes purchasing guidelines and waste reduction strategies.
 - 3. Install equipment to reduce waste including, but not limited to, the installation of hydration stations and hand dryers, and composting for food prep waste and landscape waste.

4. Roadmap the ability to become a paperless campus.
5. Default all printers to double-side printing throughout campus.
6. Purchase products with environmental benchmarks including recycled content, Forest Stewardship Council certification and recyclability.

Waste Management

1-3 Year Success Plan

- Reduce 15% of total weight (of waste) leaving the campus over 2015 baseline by 2020.**
 1. Conduct a waste audit to confirm plan and education/outreach are successful and make adjustments to current waste, recycling, and purchasing plan.
 2. Implement a paperless campus pilot project.
 3. Ban the use of Styrofoam everywhere on campus.
 - Educate ASG, Dean, and Culinary classes on the harmful impacts on using Styrofoam.
 - Suggest a new type of material, such as biodegradable plastic and compostable food containers, to use instead.

Waste Management

3-6+ Year Success Plan

- Reduce 20% of total weight leaving the campus over 2015 baseline.**
 1. Implement “paperless campus” strategies where it would not negatively affect pedagogy or legal requirements of District, and in areas of low environmental impact.
 - Select three (3) areas/departments within campus operations to go paperless.
 - Work with IT on technology and system integration for achievement.
 - Work with electronic manufacturers to buy back outdated electronics and recycle.
 2. Ban selling of plastic water bottles on campus.
 - Remove plastic water bottles for sale in cafeteria, bookstore, etc.
 - Install two (2) more hydration stations on campus.

Waste Management Resources

- [California Recycling](#) and AB 939 information.
- California [grants](#) and loan programs.
- [City of Oxnard Environmental Resources](#).
- Harrison & Sons [recycling guide](#).

Water Reduction



0-1 Year Goals

1. Reduce campus irrigation by 10% over 2014-2015 baseline by 2018
2. Reduce campus indoor water use by 10% over 2014-2015 baseline by 2018

1-3 Year Goals

1. Reduce campus irrigation by 15% over 2014-2015 baseline by 2020
2. Reduce campus indoor water use by 15% over 2014-2015 baseline by 2020
3. Install a community greenhouse/organic garden
4. Install a demonstration project for rainwater and greywater capture, and an ocean friendly garden

3-6+ Year Goals

1. Reduce campus irrigation by 20% over 2014-2015 baseline by 2023
2. Reduce campus indoor water use by 20% over 2014-2015 baseline by 2023

2014-2015 Campus Baseline

	2013-2014	2014-2015 (Baseline)	Total Reduction
Domestic	4,635.80 HCF	4,121.90 HCF	11% Reduction
Irrigation	75,371.2 HCF	39,682.2 HCF	47% Reduction

0-1 Year Success Plan

- Reduce campus irrigation by 10% over 2014-2015 baseline by 2018.**
 1. Replace 40% of sprinkler heads to drip irrigation.
 - Utilize Prop 82 funds, if available, to fund project.
 - Identify opportunities to implement Ocean Friendly Gardens/drought tolerant landscape in underused areas of campus.
- Reduce campus indoor water use by 10% over 2014-2015 baseline by 2018.**
 1. Perform plumbing fixture water audit and determine upgrade plan for the replacement of old fixtures.
 2. Calculate anticipated water reduction using EPA Water Sense Calculator for replacement fixtures.
 3. Develop a plan and timeline for installing main water meters on each building.
 4. Develop and implement a Water Economic Efficiency Policy (include maintenance plans for cleaning storm drains).
 5. Research and pursue available incentives and rebates through the City of Oxnard and State to off set cost of upgrades.

1-3 Year Success Plan

- Reduce campus irrigation by 15% over 2014-2015 baseline by 2020.**
 1. Recalculate campus baseline from previous year to determine improved savings.
 2. Install water meters on 50% of campus irrigation systems.
- Reduce campus indoor water use by 15% over 2014-2015 baseline by 2020.**
 1. Install fixture upgrades (meeting EPA water Sense) to 30% of campus buildings.
- Install a community greenhouse/organic garden.**
 1. Develop partnership with local non-profit and supporting organizations.
 2. Determine campus location and funding needs for implementation.
 3. Work with Food Services for support and to encourage the use of produce from the garden/greenhouse in the campus cafeteria.
- Install a demonstration project for rainwater and greywater capture, and an ocean friendly garden.**
 1. Determine location on campus to demonstrate rainwater and greywater capture.
 2. Determine location on campus to install ocean friendly garden and water-wise demo garden.

3-6+ Year Success Plan

- Reduce campus irrigation by 20% over 2014-2015 baseline by 2023.**
 1. Recalculate campus baseline from previous year to determine improved savings.
 2. Install water meters on 100% of campus irrigation systems.

- Reduce campus indoor water use by 20% over 2014-2015 baseline by 2023.**
 1. Install fixture upgrades (meeting EPA water Sense) to 100% of campus buildings.

Water Reduction Resources

- EPA Water Sense for [Native Plants](#), [Irrigation Controllers](#), resources regarding [Educational Facilities](#) and [Office Buildings](#), and a [Water Budget Calculator](#) to identify potential savings.
- Research rebates through [Save Our Water](#) and the [City of Oxnard](#) (contact Barbara Wulf, 805-385-8012, Barbara.wulf@oxnard.org) to offset any upfront costs.
- Utilize U.S. Green Building Council’s [Water Reduction Calculator](#) to identify potential savings for indoor plumbing fixture retrofits.
- Research ideas and strategies for [ocean friendly gardens](#) through the Surfrider Foundation.
- Research ideas and strategies for [drought tolerant landscape](#) through the Metropolitan Water District of Southern California.

EPA Water Sense Flow and Flush Rates (as of 2008)

The following is a list of recommended commercial flow/flush rates that should be considered when specifying plumbing fixtures in new construction or replacing old fixtures.

Commercial Fixtures, Fittings, and Appliances	Baseline Rates	High Efficiency Recommendations
Commercial Toilets	1.6 GPF	1.28 GPF
Commercial Urinals	1.0 GPF	0.128 GPF or non-water
Commercial Lavatory (Restroom) Faucets	0.5 GPM 0.25 GPC for metering faucets	0.4 GPM 0.2 GPC for metering faucets
Showerheads	2.5 GPM	2.0 GPM

DEFINITIONS: GPF: Gallons per Flush, GPC: Gallons per Cycle, GPM: Gallons per Minute

Transportation



0-1 Year Goals

1. Reduce single occupied vehicle (SOV) commuting to campus by establishing a transportation baseline and developing a transportation management plan
2. Install two, Level 2 electric car charging stations

1-3 Year Goals

1. Reduce SOV commuting to campus by 10% by 2019 over established baseline

3-6+ Year Goals

1. Reduce SOV community to campus by 15% by 2021 over established baseline

Transportation

0-1 Year Success Plan

- Reduce single occupied vehicle (SOV) commuting to campus by establishing a transportation baseline and developing a transportation management plan.**
 1. Develop a Sustainable Transportation Task Force comprised of campus stakeholders and supporting transportation agencies.
 - Determine bike infrastructure needs for bike parking, bike paths, egress/ingress, shower facilities, etc.
 - Designate preferred parking for vanpool/carpools.

2. Determine a transportation baseline (i.e. number of permits sold per campus population) in order to monitor progress and reduce SOV usage.
3. Work with Gold Coast Transit on increasing bus ridership to and from campus.
 - Consider student registration fee for student bus passes.
 - Invite Gold Coast Transit to Condor Day to promote service to stakeholders.
 - Link Gold Coast Transit bus lines to new student website.
 - Identify if current bus services is sufficient.
 - Identify if any schedules could be added to benefit campus use.

Install two, Level 2 electric car charging stations

Transportation

1-3 Year Success Plan

- Reduce SOV commuting to campus by 10% by 2019 over the established baseline.**
1. Perform a transportation survey and determine next steps for reduction of SOV commuting over established baseline.

Transportation

3-6+ Year Success Plan

- Reduce SOV commuting to campus by 15% by 2023 over the established baseline.**
1. Perform a transportation survey and determine next steps for reduction of SOV commuting over established baseline.
 2. Identify infrastructure needs to support further reduction in SOV commuting to campus.

Transportation Resources

- Visit [Gold Cost Transit](#) for opportunities to expand routes and provide more busses for campus.
- Connect with Ventura County Air Pollution Control District for possible rebates for EV Charging stations: <http://www.vcapcd.org/>



0-1 Year Goals

1. Host one (1) campus-wide event during the academic year
2. Establish social media accounts for sustainability communication and obtain 400 likes/follows by 2018
3. Develop education and outreach plan for sustainability policies developed

1-3 Year Goals

1. Host two (2) campus-wide events during the academic year (one in spring and one in fall)
2. Develop a sustainability website with real-time data, updates on progress, and identification of how to get involved
3. Provide continuous trainings and campus-wide updates on sustainability goal achievement.

3-6+ Year Goals

1. Enroll in 3rd party program(s) to achieve national recognition for commitment to sustainability

Outreach

0-1 Year Success Plan

- Host one (1) campus-wide event during the academic year.**
 1. Execute one (1) event (see Outreach Resources) to communicate campus sustainability at Oxnard College.
- Establish social media accounts for sustainability communication and obtain 400 likes/follows by 2018.**
 1. Utilize Instagram, Facebook, Twitter, etc. to tell successes, quick stories, upcoming events, and accomplishments to promote campus sustainability.
- Develop education and outreach plan for sustainability policies developed.**

1. Provide outreach and education on policies/programs for energy efficiency, waste and purchasing management, water efficiency, and transportation.
2. Outreach and education can include, but should not be limited to, training, social media outreach, educational/promotional items, email distribution, and the addition of a sustainability manager on ASG.

Outreach

1-3 Year Success Plan

- Host two (2) campus-wide events during the academic year (one in spring and one in fall).
- Develop a sustainability website with real-time data, updates on progress, and identification of how to get involved.
- Provide continuous trainings and campus-wide updates on goal achievement.
 1. Trainings and campus-wide updates can include, but should not be limited to, training, social media outreach, education/promotional items, email distribution, the addition of a sustainability manager on ASG, and on campus events for Earth Day, Campus Sustainability Day, new student orientation, and a Campus Clean Up Day (with support of ASG).
 2. Develop case studies to showcase economic savings and sustainability achievements.

Outreach

3-6+ Year Success Plan

- Enroll in 3rd party program(s) to achieve national recognition for commitment to sustainability.
 1. [BIT Building](#)
 - To be eligible, building performance data is needed and 16 measures need to be met for certification.
 2. [USGBC LEED Certification](#)
 - Certify 1 building through the LEED-NC or LEED-EB: O&M program.
 3. [AASHE STARS](#)
 - A program to benchmark campus sustainability

Outreach Resources

One of the most difficult aspects of campus sustainability is promoting projects and accomplishments to the campus stakeholders. When goals are achieved they should be celebrated. There are many ways to promote and acknowledge sustainability accomplishments around the campus. Suggested campus events for promoting sustainability:

- Participate in [Recycle Mania](#)
 - Using fair and friendly competition, Recycle Mania provides tools and opportunities that inspire, empower, and mobilize colleges and universities to benchmark and improve efforts to reduce or eliminate waste.
- Host [Campus Sustainability Day \(CSD\)](#)
 - Developed to celebrate sustainability achievements in higher education. CSD is held the 4th Wednesday in October and encourages colleges to host events that allow stakeholders to participate and share ideas and best practices on campus sustainability.
- Get involved with a local [Earth Day Celebration](#)
 - An annual event happening in April, Earth Day is to promote and demonstrate support for environmental protection.

Benchmarking and Progress Monitoring

Oxnard College is committed to the implementation of each goal with the active support and participation of stakeholder groups, academic integration, and community partnerships, and will create resilient policies, initiatives, and practices that will foster future improvement. In order to effectively implement and monitor each goal, Oxnard College will maintain data collection of sustainability indicators to meet performance benchmarks, which provides understanding of work that needs to be done, current progress, and relationship with the campus economy, environment, and culture.

Benchmarks allow the campus to track continuous improvements over time and provides the stakeholders with the information and ability to make well-informed decisions about sustainability efforts campus-wide. Efforts should not be limited to those activities that have benchmarks, as some decisions may be based on experience and knowledge with regard to improving student success, morale, and community connections.

Engaging the Campus Community



This plan is a living document. As technology, goals, and curriculum are developed, this plan should evolve with them. Each goal and milestone needs the support of the entire campus

including staff, faculty, administrative support, ancillary support, and most of all, students. Get involved, take action, and make change to create a healthier and more resource-efficient campus.

Recommendations

One of the key recommendations for the implementation of this plan and goals is to strategize which groups and personnel will lead, coordinate, and inspire. The following are several methods for implementing the plan and fostering continued success in sustainability throughout the campus.

Committee/Taskforces

Develop a dynamic committee consisting of staff, students, faculty, and community members to oversee the implementation of plan goals, projects, and events. The committee's role will be to prioritize projects, seek grant/funding opportunities, and promote the plan campus-wide.

Incentives

For cultural change throughout the campus, provide incentives for improved resource efficiency. Suggestions include making copies more expensive to reduce unneeded print outs and encourage digital options.

Funding Opportunities

Research and identify local, state, and government funding opportunities to support sustainability initiatives and programs on campus.

Website

A designated sustainability website provides information and updates on sustainability, including building performance data, operational plans, tools and guidance, and other resources for the entire campus to access. The website will allow Oxnard College and the community to become involved, and get educated and excited about campus sustainability.

Concluding Remarks

Oxnard College offers many opportunities to get involved, take action, and improve the campus community. Together as team, differences can be made and challenges overcome. As a living document, this plan will remain ever evolving and be reflective of current goals and future vision of Oxnard College.

Oxnard College Sustainability Plan – Workshop #1 Results

Waste	Energy	Transportation	Water	Purchasing	Landscape
<ul style="list-style-type: none"> Develop a recycling plan, with supported infrastructure (more recycling bins on campus) ***** Recycle fluorescent lamps/lamp crusher Paperless document imaging Mulch and chip green waste on site and use on site Hand dryers in bathroom** Water bottle fill stations***** Compactor for cardboard Paperless Office (workflow study on what docs can be electronic) Default double sided printing (can be part of purchasing/waste plan) Scan to email capability Kitchen fry oil recycle Increase compost campus cleanups plastic free campus Ban use of Styrofoam*** 	<ul style="list-style-type: none"> Use geothermal to heat and cool buildings Renewable power (wind turbine, PV, solar heated water, solar farm)***** Install solar on roofs power of turbine- batter? gas? All south facing windows: tinted, replace single pane Interior LED lighting Add occupancy sensors** Improved lighting Shades to prevent heat gain Energy Management systems for HVAC, Lighting, Irrigation Upgrade natural gas generators Cover parking lots with PV IT - Energy Saving Data Center Server rack cooling Fresh-air Dell Servers (higher operating temp) Thin Clients Power setting management Shut down lab computers after hours fuel cells water reservoir that creates energy have college divest from fossil fuels 	<ul style="list-style-type: none"> Encourage carpooling Install Electric Vehicle charging stations*** Bike friendly campus (add bike lanes/parking)* Promote walking 	<ul style="list-style-type: none"> Rainwater harvesting** Reclaimed water (from PE showers, Duck pond, Storm drain east side of campus) Connect with City of Oxnard reclaimed water** Water flow meters on mainlines Waterwise gardens/demo gardens with rainwater catchment** Low-flow efficient plumbing fixtures and automatic faucets*** Wash rack for maintenance equipment water well that supplies campus usage and recycles into reservoir Rain barrels 	<ul style="list-style-type: none"> Warehouse policies – purchase non-virgin paper Companies pay for waste 	<ul style="list-style-type: none"> Greenhouse Organic Garden/lease Waterwise gardens/demo gardens with rainwater catchment** Ocean Friendly Gardens Clean storm drains

- Education & Outreach
 - Implement sustainability director on ASG
 - Advocate for green Curriculum
 - Educational forums
 - Celebrate Earth Day
- Emergency equipment storage
- OC has saved 23 million gallons (or 70 acre feet) of water from 2014- present
- Wash rack for maintenance equipment
- Prop 84 for rebates

***Denotes multiple stakeholders suggested this topic

Oxnard College Sustainability Plan – Workshop #1 Exercise 2 Results

1) Paperless Campus

Roadblocks	Stakeholders	Timeline	Connections
<ul style="list-style-type: none"> Infrastructure Maintain and upgrade websites 	<ul style="list-style-type: none"> HR Administration IT Student Government Financial 	<ul style="list-style-type: none"> Short term 	<ul style="list-style-type: none"> Online Web developers IT Incentive

2) Recycling Plan (lamps/campus waste)

Roadblocks	Stakeholders	Timeline	Connections
<ul style="list-style-type: none"> Bins Self sorting Miss-lead about current service Sorting of recycling items 	<ul style="list-style-type: none"> City of Oxnard Harrison E-waste haulers Students State/City programs Outreach and Education info Marketing of plan 	<ul style="list-style-type: none"> Separate Containers Small Steps Multiple Phases 	<ul style="list-style-type: none"> Student group/clubs E-waste day Re- training of staff

3) Outdoor Water/Prop 84 Irrigation

Roadblocks	Stakeholders	Timeline	Connections
<ul style="list-style-type: none"> Funding Water restrictions 	<ul style="list-style-type: none"> Landscaping department Students Staff/faculty 	<ul style="list-style-type: none"> Long term 	<ul style="list-style-type: none"> The City Outside vendors Other colleges Public schools

4) Renewable Energy – Solar/Wind/Geothermal

Roadblocks	Stakeholders	Timeline	Connections
<ul style="list-style-type: none"> Funding Placement/land usage on campus ROI (matching the right projects for OC) Communication and Education about projects Construction of project/low impact to instruction Security No power when it's dark 	<ul style="list-style-type: none"> M and O department Faculty experts Students Vendors Dr. Bush ASG Board of Trustees 	<ul style="list-style-type: none"> Mid-long term 	<ul style="list-style-type: none"> State level incentives for solar and wind Science classes on campus Other colleges who have installed systems City of Oxnard Solar City Utility companies

Oxnard College Sustainability Plan – Workshop #1 Exercise 2 Results

5) Indoor Water/drinking stations/NO Plastic Bottles

Roadblocks	Stakeholders	Timeline	Connections
<ul style="list-style-type: none"> Retrofitting existing water fountains Install in following areas: PE/Track, Student Services, Condor/LS Soda Vendors \$ Location decisions No awareness 	<ul style="list-style-type: none"> Associated Students Gov. M and O Dr. Bush C.U.D.S. Take Back the Tap School V.P. Hydration station company (contractor) Bob (Facilities Manager) 	<ul style="list-style-type: none"> Short term Already installed one ASAP Fall 2016- hydration station in cafeteria 	<ul style="list-style-type: none"> Associated Students Gov. (giving out water bottles) Student Services Athletics Take Back The Tap COO to provide help (bottles?) Businesses for donation \$ Green Society Club(s) Geography/history/other ES classes Boys and Girls Club

6) No Styrofoam in Cafeteria

Roadblocks	Stakeholders	Timeline	Connections
<ul style="list-style-type: none"> Price Available Resources Approval 	<ul style="list-style-type: none"> Culinary Class/Club ASG Dean Approval 	<ul style="list-style-type: none"> Few Months 	<ul style="list-style-type: none"> Water Filtration People ASG Dean President

7) Organic Garden

Roadblocks	Stakeholders	Timeline	Connections
<ul style="list-style-type: none"> Certified organic ground P.H. levels Less usage of fungicide Insecticides Herbicide 	<ul style="list-style-type: none"> STEAM class in prog. Nov. 3 12-3pm in North Hall Rain Barrels 	<ul style="list-style-type: none"> Short-mid term 	<ul style="list-style-type: none"> Local boys and girls club Local vegetable growers Drug treatment programs