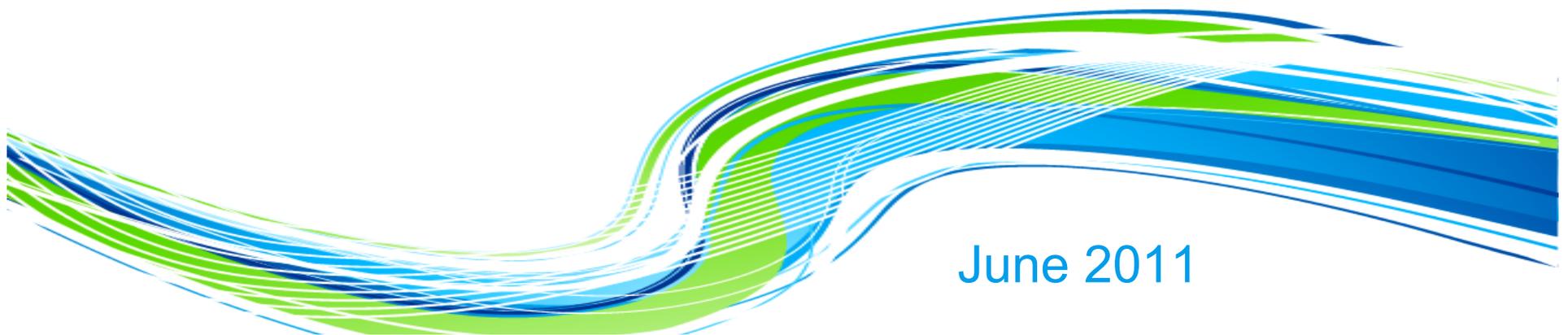




# **Deliberation on Campus Sustainability (DoCS)**

**Our campus. Our future.**

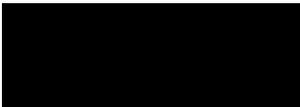


June 2011

# Students' Council Presentation

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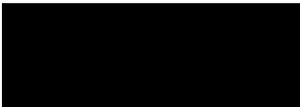
- Introduction
- Background on Deliberative Democracy
- The DoCS Process
  - Phase 1, 2 and 3
- The DoCS Results
- Next Steps



# Introduction

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- The DoCS Executive Committee and Advisory Committee
- A project initiated by students and sponsored by the Office of Sustainability



# Context for DoCS

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- History: A student driven project
- A multi-phased project : ran from January to April 2011
- A multi-faceted project
  - A prototype
- Why DoCS?





“Creating space for discussions on sustainability is one of the most critical exercises this campus can undertake right now.

Why wait?”

Nick Dehod  
Undergraduate Student  
Students' Union President

“The University of Alberta is an agent of social change. I hope we will continue to identify ways to take meaningful action.

“I’d like my grandson to graduate from a university with a sustainable academic and social community.”

Katy Campbell  
Dean, Faculty of Extension





“The university should be a community leader when it comes to turning ideology into reality.

Why wait?  
**DELIBERATE!”**

Rory Tighe  
Vice President (Student Life)  
Undergraduate Students' Union

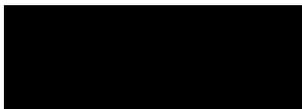
# The Roots of the DoCS process: Deliberative Democracy

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## Alternative decision-making structure

## Multitude of practices designed to facilitate five main objectives:

- Reflection
- Sharing
- Listening
- Mutual Reasoning
- Co-creation



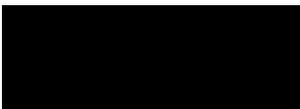
# Deliberative Dialogue

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## Iris Young says...

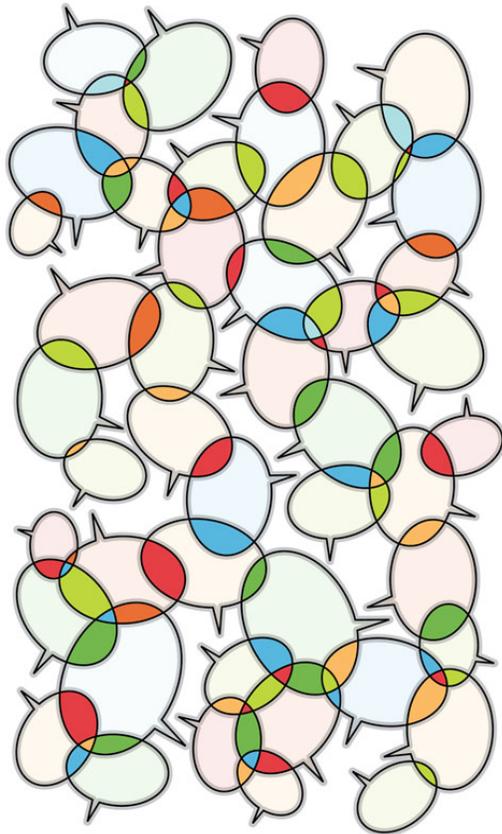
“In deliberation, parties to conflict, disagreement, and decision making **propose solutions to their collective problems and offer reasons for them; they criticize one another’s proposals and reasons and are open to being criticized by others.**

**Deliberative democracy differs from some other attitudes and practices in democratic politics in that it exhorts participants to be concerned not only with their own interests but to listen and take account of the interests of others insofar as these are compatible with justice.”**



# Why the process is important?

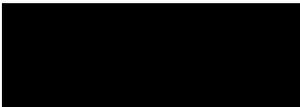
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**Potential to shift people's predetermined preferences**

**Can “help alter their relationship to community, and develop some notions of the common good”**

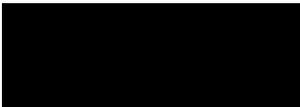
“Report to the Deliberative Democracy Consortium: Building a Deliberation Measurement Toolbox” Peter Muhlberger



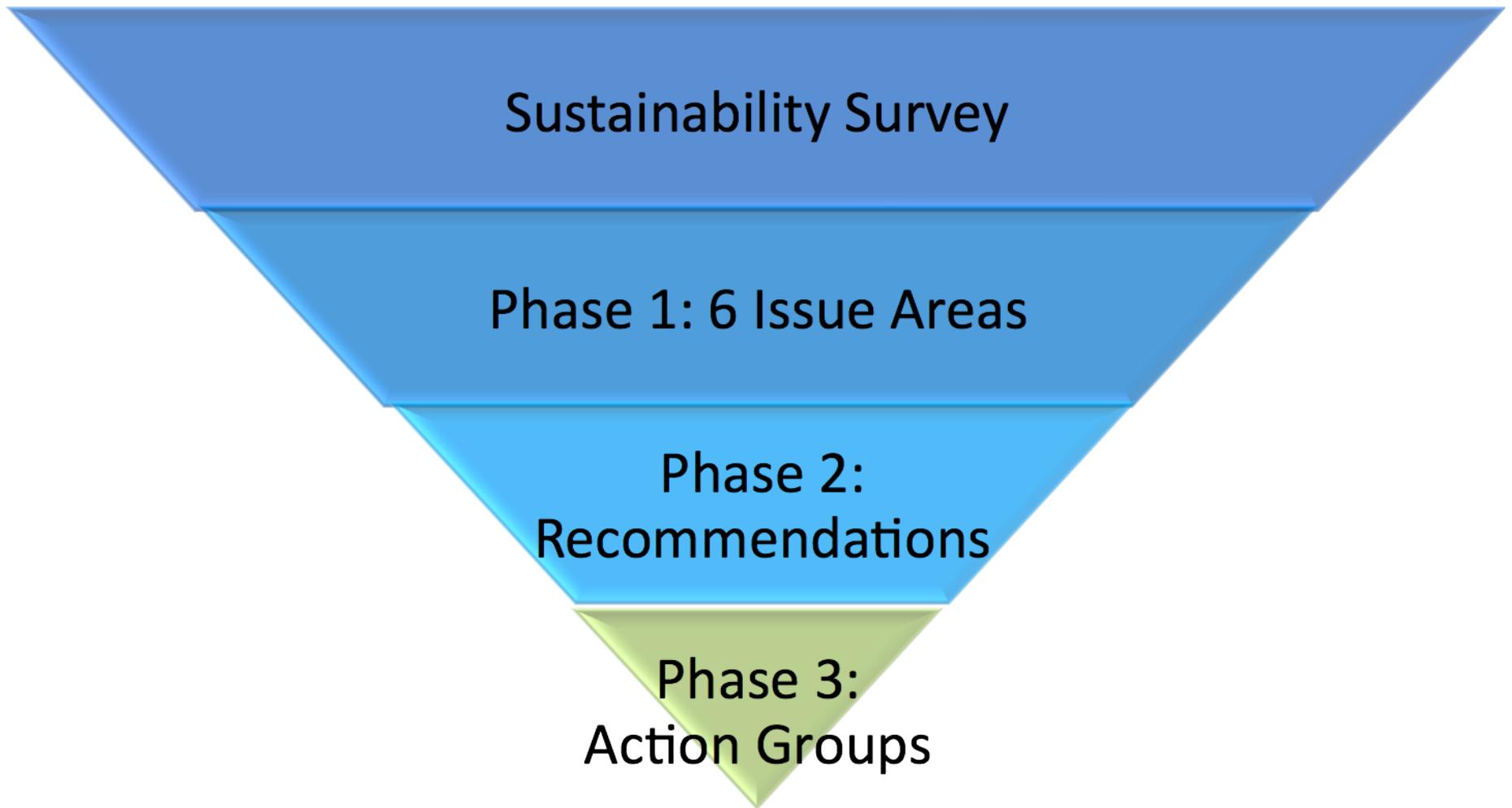
# Deliberation on Campus Sustainability

## Primary objectives:

- Recommendations from students, faculty and staff
- Activate action
- The process
- A prototype



# The DoCs Process



# Sustainability Survey

"The campus is a full-sized community. If we are serious about our city and province becoming more sustainable, we need to make our campus more sustainable. DoCS is an exciting and effective way to begin planning."  
Ricardo Acuna  
Executive Director  
Parkland Institute

"Universities are prime places to model sustainable communities.  
University campuses have a role in our larger society to provide research and innovation that will lead to genuine change."  
Louise Vailland  
Undergraduate Student  
Faculty of Science

"Creating space for discussions on sustainability is one of the most critical exercises this campus can undertake right now.  
Why wait?"  
Nick Dehdod  
Undergraduate Student  
Students' Union President

**Deliberation on  
Campus Sustainability**  
*Our campus. Our future.*

Add your voice. Fill out the survey at:  
[sustainability.ualberta.ca/docs](http://sustainability.ualberta.ca/docs)

Total number of survey participants:

**1,742 respondents**

- 1,376 students
- 249 staff
- 104 faculty

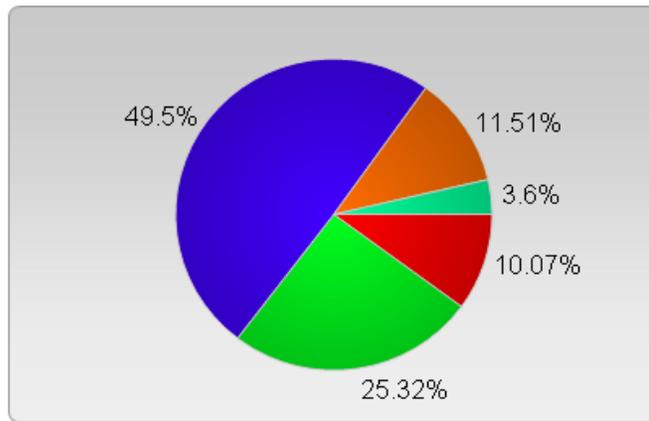


## Survey Results:

# Who Responded

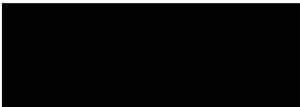
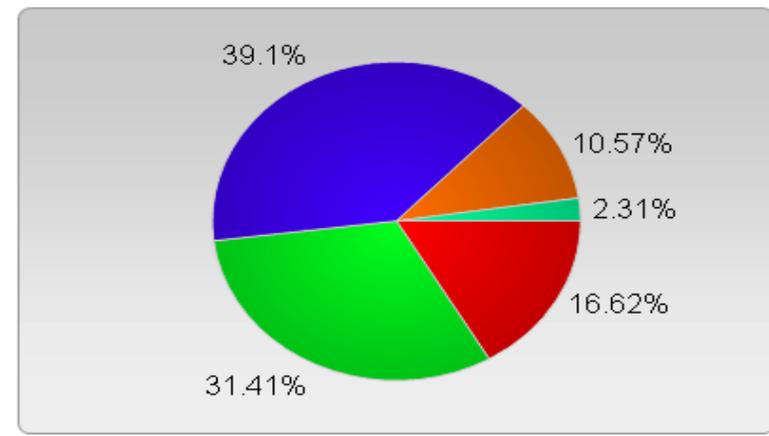
### Random:

Q9. How would you rate your personal interest in campus sustainability initiatives?



### Self Selected:

Q9. How would you rate your personal interest in campus sustainability initiatives?



## Survey Results:

# Priority Issues

### Random Group

1	14%	Waste Reduction
2	11%	Energy Management
3	10%	Food
4	9%	Water
5	9%	Transportation
6	8%	Buildings & Infrastructure

### Self selected Group

1	13%	Waste Reduction
2	12%	Food
3	11%	Energy Management
4	9%	Water
5	9%	Transportation
6	8%	Education & Awareness



Phase 1:

# Results

## Total numbers:

- 80 Deliberators
- 34 Volunteers

## Goal:

- Identify priority issue areas for campus sustainability



Students, staff and faculty convene in Phase 1

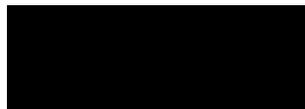


Phase One:

# Final Results

## Session A, Session B and Session C

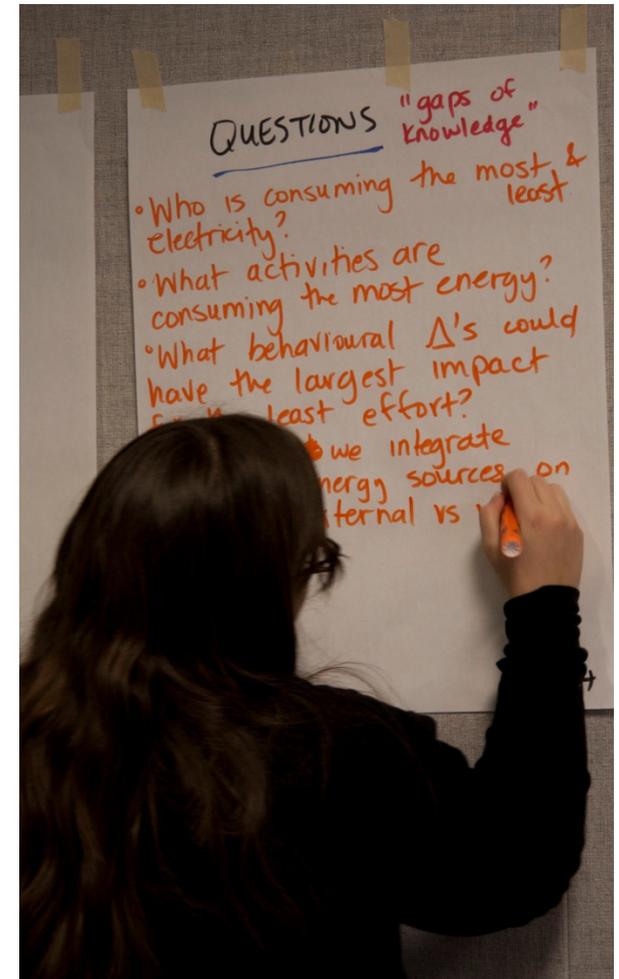
1	Energy & Building Infrastructure
2	Outreach & Engagement
3	Food
4	Academics
5	Resource Efficiency & Waste
6	Accountability & Transparency



Phase Two:

# Info Sessions

- Each session involved three presenters with diverse experiences and opinions
- Answered the questions that arose from the Phase 1 deliberations



Phase 2:

# Results

## Total number:

- 45 Deliberators

## Goals:

- Identify recommendations for each issue area
- Develop a list of action projects



Students, staff and faculty convene in Phase 2



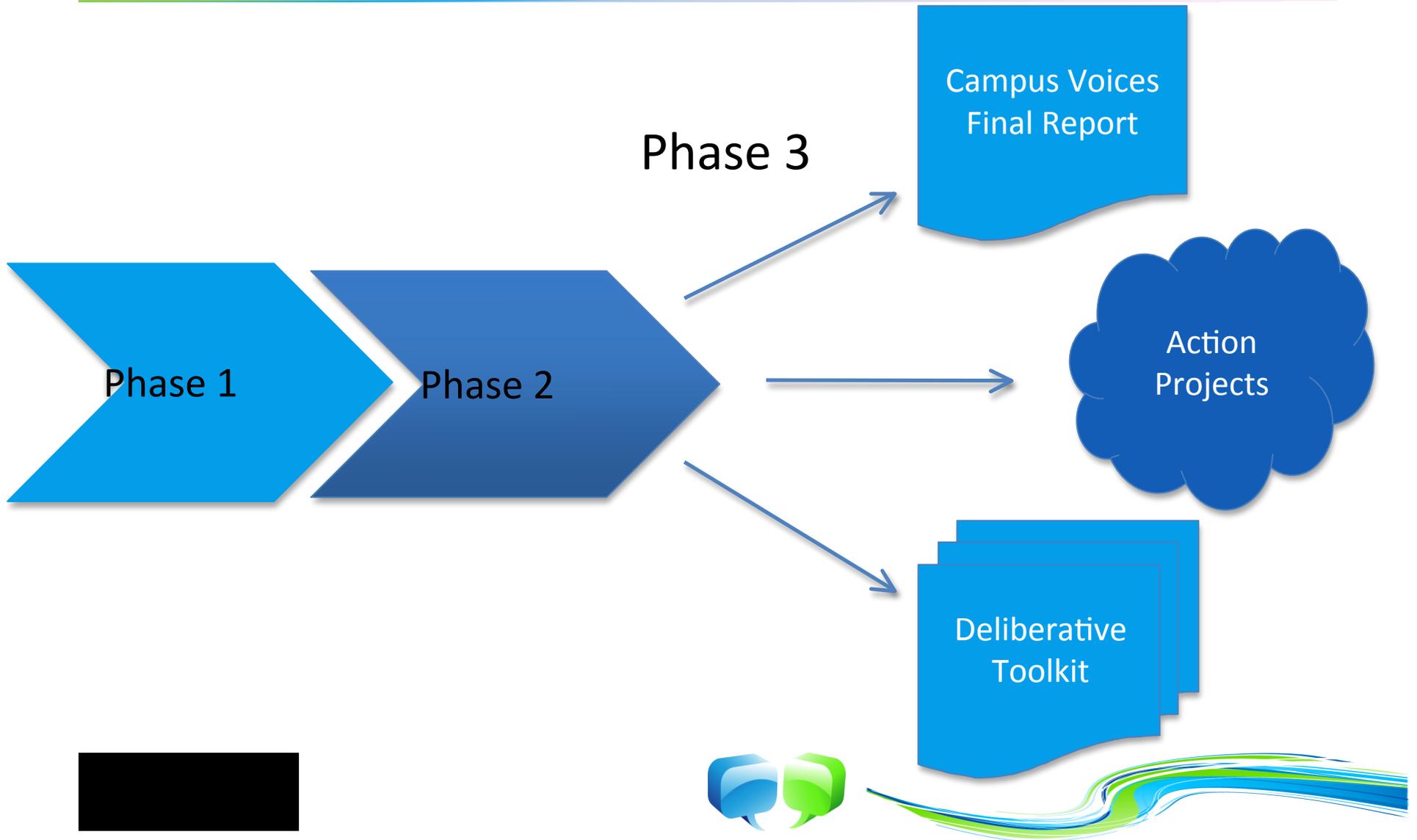
# Phase 2 Recommendations:

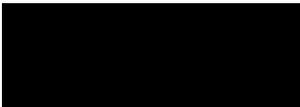
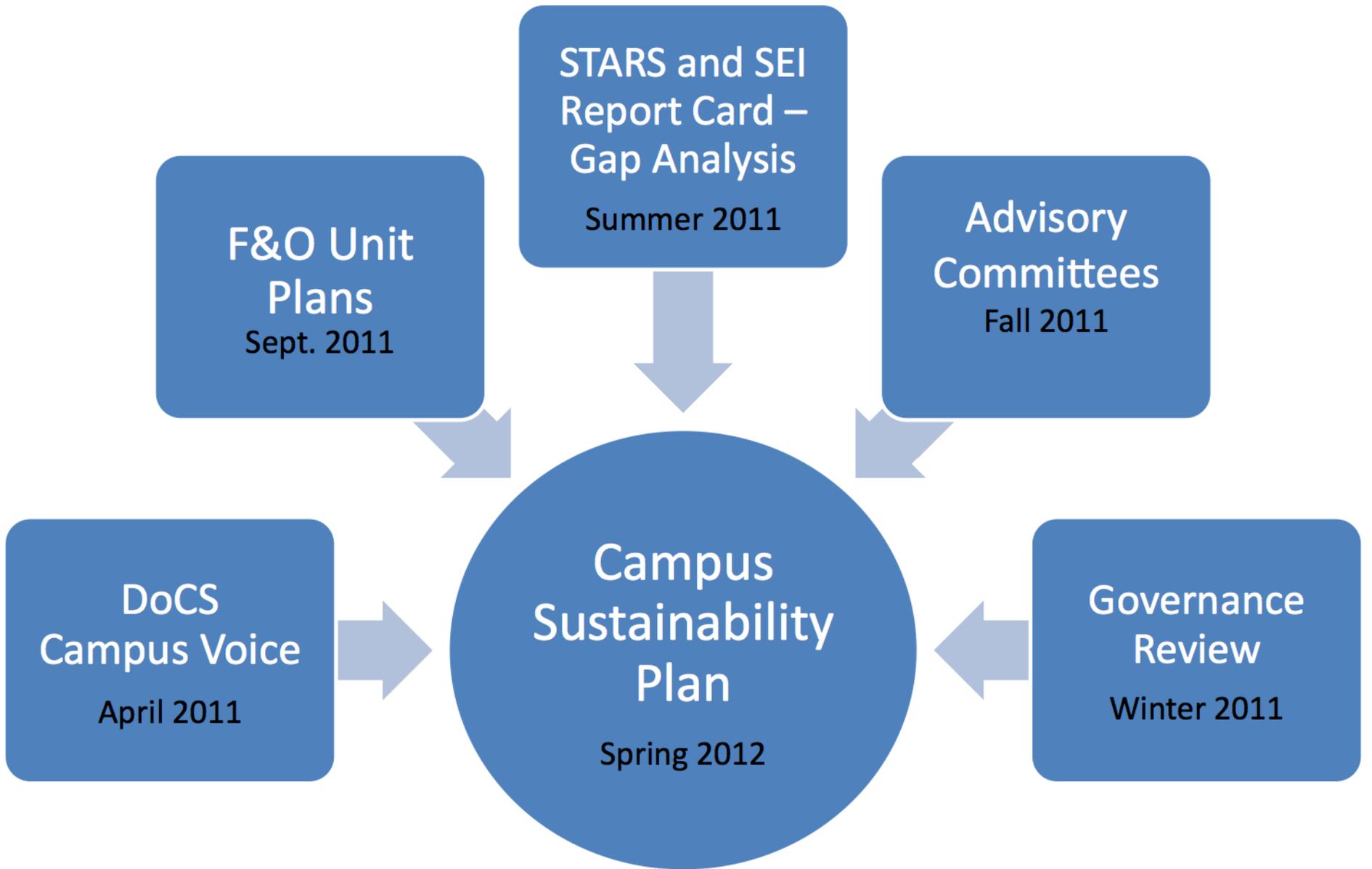
- 6-8 recommendations for each issue area
- Each recommendation voted as a quick win or deep change



# Phase 3 Results

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# Recommendations: Energy

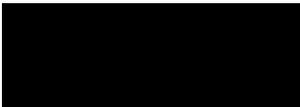


# Recommendations: Outreach & Engagement



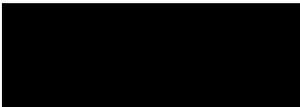
# Recommendations: Academics

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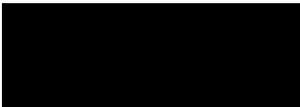
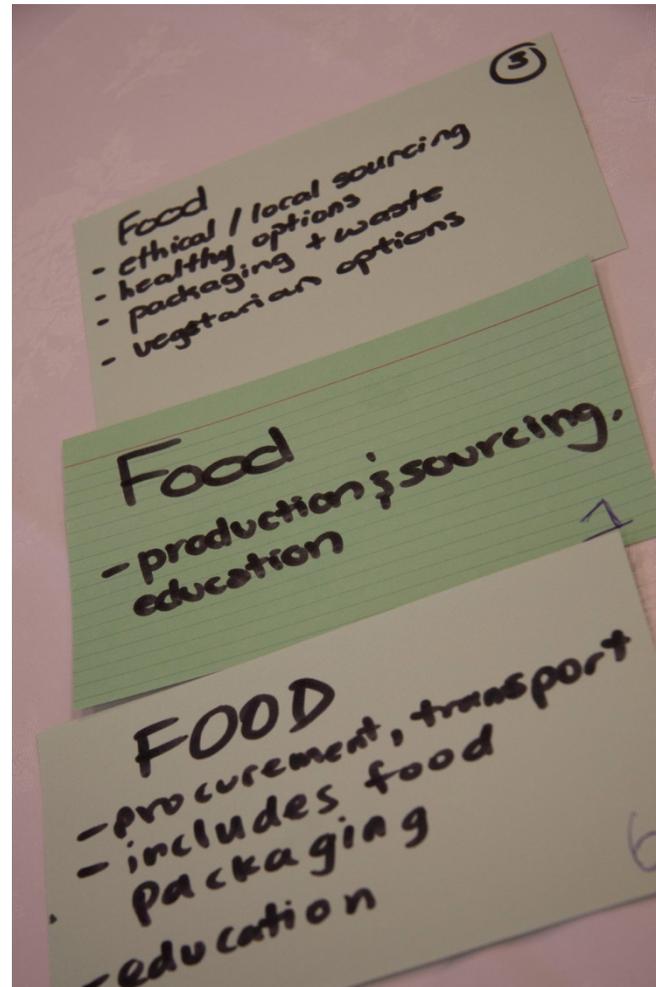
# Recommendations: Accountability & Transparency

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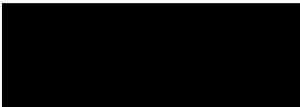


# Recommendations: Food

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# Recommendations: Waste & Resource Efficiency



# Thank You!

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For more information about DoCS:  
[sustainability.ualberta.ca/docs](http://sustainability.ualberta.ca/docs)

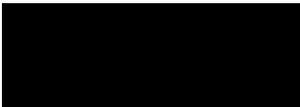
Questions:

Logan McIntosh:

[logan.mcintosh@ualberta.ca](mailto:logan.mcintosh@ualberta.ca)

Lisa Dockman Program Lead, Outreach and  
Engagement at the Office of Sustainability:

[lisa.dockman@ualberta.ca](mailto:lisa.dockman@ualberta.ca)



# Recommendations: Energy

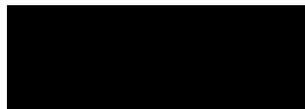
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## Deep Change:

<u>Issue area</u>	<u>Sub theme</u>	<u>Recommendation</u>
Energy & Building Infrastructure	Renewable Energy	Increase on-campus energy production to reduce demand on fossil fuels (by using renewable sources) in 5 years.
	Building & Infrastructure	Create a policy for all new and existing buildings to reach Gold standard LEED certification.

## Quick Win:

<u>Issue area</u>	<u>Sub theme</u>	<u>Recommendation</u>
Energy & Building Infrastructure	Renewable Energy	Implement green power purchasing from green energy providers.
	Policy Transparency	Install visible metering systems at campus buildings to inform building users and publish carbon footprint information online (ex. Power source, GHG emissions, how it's generated, consumption trends).



# Recommendations: Outreach & Engagement

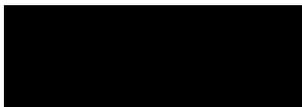
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## Deep Change:

Outreach & Engagement	Build Connections	Form a council of sustainability representatives from all decision-making and governance bodies (i.e. AASUA, SU, NASA, GSA, NAIT, TWWG) <sup>3</sup> on and off-campus that meets frequently to implement the campus sustainability plan with spending authority.
	Internal & External Collaboration	Create a sustainability Code of Conduct that sets protocol and policy for campus activities and provides planning tools for sustainable best practices.

## Quick Win:

Outreach & Engagement	Internal and & External Collaboration	Access sustainability knowledge of internal and external groups to innovate and incorporate best practices (distilling best practices).
	Engage Stakeholders	Ensure that public outreach done by the university upper administration and President consistently includes specific mention of sustainability.



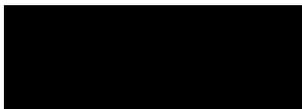
# Recommendations: Academics

## Deep Change:

Academics	Curriculum & Practice	Develop a university-wide strategy for encouraging faculty to include sustainability in their classes and to improve accountability of the sustainability operating practices to staff.
	Research	Support the campus community in identifying research that respond to needs of campus sustainability and develop a university directed mechanism for the dissemination of that research to the surrounding community.

## Quick Win:

Academics	Curriculum	Include a unified and coherent definition of sustainability in the Academic Plan – not just a supplementary document.
	Practice	Increase awareness, support and accessibility for existing services, initiatives, and groups that allow students to put into practice their education in sustainability.



# Recommendations: Accountability & Transparency

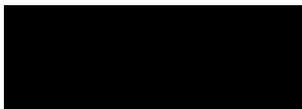
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## Deep Change:

Accountability & Transparency	Collaborative Governance	Implement policy that requires collaborative decision making when there are a certain number of stakeholders involved.
	Reporting & Evaluation	Create internal/external and bi-directional (top down and bottom up) evaluation mechanisms.

## Quick Win:

Accountability & Transparency	Reporting & Evaluation	Provide clear criteria and benchmarks about the university's performance related to sustainability that people can access easily.
	Monitoring Feedback &	Provide clear and varied ways for the campus community to access information (such as through presentations, online forums, etc.) while additionally providing easy ways to give meaningful and effective feedback.



# Recommendations: Food

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## Deep Change:

Food	Procurement	Partner with local food organizations and suppliers and make purchasing arrangements to drive demand for more local and sustainable products.
	Affordability	Implement a pilot-project to provide one healthy, well rounded, local, organic and sustainable meal available per day that is subsidised, making it comparatively affordable to other meals on campus.

## Quick Win:

Food	Procurement	Define 'local', 'organic', and 'sustainable' with regards to procurement and set short and long term goals for measurable improvement in these categories.
	Food Service Operations	Provide incentives for food vendors to increase sustainable operations and make it easier for the campus community to make sustainable choices.



# Recommendations: Waste & Resource Efficiency

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## Deep Change:

Waste & Resource Efficiency	Waste as a Resource	Increase the use of recycled storm water and waste on campus.
	Green Procurement	Set up a multi-stakeholder council to develop a green procurement policy/plan and provide an ongoing consulting service to departments and units.

## Quick Win:

Waste & Resource Efficiency	Awareness & Prevention	Implement a mandatory educational session on sustainable student lifestyles and a mandatory campus sustainability tour during new student orientation.
	Awareness & Behaviour	Ban disposable food packaging and bottled water while providing reusable alternatives and develop infrastructure to offset these changes (i.e. water fountains locations and water bottle refill stations).



Phase 3:

# Results

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## Campus Voices:

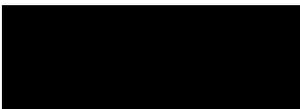
- Executive Summary and Final Report

## Activating Action:

- Skill building workshops
- Final engagement



Students, staff and faculty convene in Phase 3



# Phase 3 Action Projects

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- Campus-Run Sustainable Restaurant
- Ethical Endowment Campaign
- Campus Carbon Footprint Website
- Sustainability Support Network
- High profile panel on oil sands research
- Beautiful Bins

