

Agenda

Wednesday 10 April 2013 / 9:30 – 10:45 am / AH 206

AT/BY	ITEM	SUBJECT	PAGES
9:30	1	Welcome and call to order	
9:30	2	Receipt of agenda and 16 January 2013 meeting notes	1-3
9:35	3	UR Sustainability Club, Taneal Brucks	
9:45	4	<b>Business Arising</b> from the meeting notes of <b>19 December 2012:</b>	
	i)	Strat Planning Ad Hoc Committee report – Carol	4-8
	5	<b>Business Arising</b> from the meeting notes of <b>16 January 2013:</b>	
	ii)	Print Optimization Project Update	9
	iii)	Updates from the Interim Sustainability Coordinator - Carol	
	5	Adjournment	

*PACS 2013 meeting dates*

*8 May*

*Please send agenda items and supporting material to [Brenda.Olson@uregina.ca](mailto:Brenda.Olson@uregina.ca).*



*the June meeting to help with garden maintenance.*

**6. People's Sustainability Treaty on Higher Education –**

PACS will need to see more outcomes before committing to this initiative and making an educated and well-informed recommendation to the President.

**7. U of R Sustainability Champions**

Jocelyn Crivera provided an update on her initiative to create sustainability champions. At this time, committee members will designate their effort into the development and creation of the sustainability strategic plan. Through this process the emergence of sustainability champions should happen organically. With preparations for for the University's 2014-19 strategic plan on the horizon, PACS members agree that it is key to include sustainability foci.

**8. Compost Study Report**

A draft student proposal has been received with the final report to be completed in February. A copy of this report will come to PACS for discussion in February.

**Business Arising from the 19 December 2012 meeting notes:**

- 9. Hard Rain Project** – Lyle Benko spoke to the document attached as pages 7-16 of the agenda. Hard Rain is looking for host institutions for their exhibition in 2015. The exhibition responds to the UN Sustainable Development (SDG) initiative. A fee of £4,000 is expected. They are looking for agreement in principle to host the project.

**OTHER:**

The RC Recognition event will be held in Nipawin on 8-9 May 2013. Carol Reyda will take the lead on the development of the applications and submit them Brenda in time for the 1 April 2013 deadline.

Lyle Benko and/or Roger Petry have been asked to participate in the RCE meeting being held in Lima, Peru. The meeting may be of interest to those individuals with research connections and interests.

- 10. Report on the international study of turnaround leadership for sustainability in higher education –** received for information only.

**11. For future PACS discussion:**

-Discussion on the University's position on its carbon footprint and how to strategize and create solutions for staff travel.

-PACS will receive an update on the Print Optimization project from Ray Koneski for the next scheduled meeting.

-Optimizing classroom scheduling and building use with help from the Registrar and Nelson Wagner.

-Sustainability and its contribution to the policy renewal project. Carol Reyda will connect with Annette Revet.

**12. ADJOURNMENT at 10:53 AM**

**NEXT MEETING 6 March 2013, 9:30 – 11:00 AM (tba)**

# Proposal from PACS Sub-Committee on University of Regina Sustainability Strategic Plan (SAP)

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## **Preamble:**

The Sustainability Strategic Plan was initiated by the President's Advisory Committee on Sustainability (PACS) but is being developed for the entire campus. The development of a proposal on how to create a plan was tasked to a Sub-committee of PACS.

Sustainability is prominent in the UofR Strategic Plan 2009-2014 *mamawohkamatowin: Our Work, Our People, Our Communities*. It is featured prominently in the *Executive Summary, Themes, Values, and Mission*, and is one of fifteen goals (see appendix).

The Sustainability Strategic Plan would be the next iteration of goals and strategies to help **“Make the University a leader in environmental responsibility. Put sustainability at the core of our teaching, research, and campus life”**

## Office of Sustainability

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We recommend that the University create an Office of Sustainability

- a. The Office would “promote, unite and celebrate the University[‘s] ... efforts to create a campus-wide network that works together to advance our sustainability performance.” (UofA)
- b. We recognize that dedicated staff time is integral to developing and then supporting implementation of a strategic plan; supporting PACS; creating community and student engagement; developing and carrying out communications.
- c. A detailed description of the office would need to be developed with help/input from all relevant UofR units.
- d. In the interim a sustainability coordinator armed with 3-4 students would provide the necessary support to the following initiatives for 2013-2014: assess the UofR’s sustainability effort using the STARS rating system, develop a and

support an interim Sustainability Action Plan for 2013-2014, and develop the Sustainability Strategic Plan.

## Sustainability Action Plan 2013-2014

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It is felt that some direction is still needed while the strategic plan is being formulated. We propose that a Sustainability Action Plan for 2013-2014 be developed. Projects, ideas, and areas of focus would be compiled from various sources and informally prioritized by opportunity, ease of implementation, and cost. PACS would approve and recommend to the President.

- Sources of ideas/projects: PACS minutes, PACS committee members, UR Sustainability Club, URSU, student research, RPIRG, Institute Francais, Student Services, Food Services, FM, etc. What is on the “easy” pile? What community synergies exist?
- Staffing required – Sustainability Coordinator, Student/Co-op, PACS Subcommittee, PACS, input from others on campus.
- Timeline: May – August 2013 for implementation in 2013-2014
- Prioritization could be done by Sustainability Coordinator in consultation with the departments/units/faculties/areas. i.e. what can you get done in 2013-2014? OR PACS Sub-Committee.
- Some communication would be needed to let campus know this was going on in 2013-2014.
- Projects would need to report progress to PACS.

## Sustainability Strategic Plan 2014-2017

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### Guiding Principles

- People are more likely to exhibit sustainable behaviour if they are engaged and are problem solving; we will not “tell them what to do”. (Kaplan)
- “Areas of focus” as just as powerful as specific goals (Ordonez et al., 2009). This approach encourages all individuals and units to consider how to accomplish a broad goal without specifying a limited number of options. This strategy will enable multiple benefits including increased community cohesion across campus units (i.e., students, staff, faculty, and administration), development of creative solutions, and action-oriented sustainability changes on a schedule endorsed by the campus community without mandating specific actions.

- The University must focus on individual behavior as well as University structures. “What can I do?” vs. “What is the University doing?”; For example – including sustainability in student orientation vs. making pay stubs paperless.

## The Process

The process to develop the plan will:

- Be inclusive.
- Put extra effort into including students throughout.
- Gather input from the U of R community through surveys and interviews
- Employ problem solving task oriented groups (reference – Kaplan, MASS LLB, University of Alberta) to come up with strategies.
- Use subject matter experts

Process ideas:

- Have students create videos and blog
- Use the STARS rating system as a basis for areas of strengths and opportunities

## Deliverables

A Document that:

- outlines vision; large goals
- Will have looked at SWAT analysis – strengths, weaknesses, opportunities, threats;
- Will have looked at what sustainable practises, courses, research, etc is already taking place on campus (STARS)
- Will have concrete action items that will answer the question “how do we most effectively move UofR closer to Sustainability vision?” What is the best way to integrate SUST into curriculum? Co-curriculum? Administration? Research? Operations? What are the barriers to individual sustainable behaviours? The action items will have been developed by core groups, engaging in creative problem solving.
- Includes prioritized themes to be used by the UR community to integrate into how we work and live and learn
- Themes can be used to further engage all and create great community cohesion.
- **Example: Water Conservation**
  - Goal: Reduce waste of fresh water
  - Sample actions (developed by individuals and units/groups)
    - Students: reduce personal water use (e.g., use low-flow washrooms whenever possible; carry reusable water bottle); request education about water & its use from professors; lobby for water conservation changes on campus (e.g., sale of bottled water, grey water systems)

- Staff: campus infrastructure changes (e.g., low-flow washrooms, water fountains/bottle-filling stations, grey water recycling systems); campus procedures (e.g., sale of bottled water, lawn watering)
- Faculty: integrate water conservation into course curricula across all faculties (e.g., biology, kinesiology – water in living systems; chemistry – ocean/lake water composition; engineering – water filtration systems; English, art – water metaphors in literature and visual art); research topics related to water management & conservation
- Administration: identify & resolve systemic & social barriers to change; communicate & champion water conservation ideas & actions from all units (e.g., public relations; facilitate cross-unit collaborations); provide funding for selected initiatives generated by campus community members
- Other examples of themes: Waste, land, air, energy, climate change, food, transportation, consumerism, social justice, health.

## Resources

The timeline will be affected by what resources can be dedicated to this project. The following timeline is based on these staffing resources.

- PACS
- Sustainability Coordinator – (50%)
- Student/Co-op – 3 to 4 full time (on average one per semester)
- Administrative support – FM and VP Provosts' office
- Student volunteers – UR Sustainability Club, UR Guarantee students, UR Ambassadors, student class work.
- Support from External Relations, Student Services
- Support from campus community – answering survey, sitting on committee.

## General Project Timeline

2013 May – September

STARS assessment  
 Develop Survey  
 Develop Communication Plan  
 Develop Risk Plan and other project plans  
 Develop committee structures and composition  
 Develop student videos

2013 September – December

Implement Communication Plan (for rest of project)  
 Develop student videos  
 Conduct Survey  
 Compile survey data

2013 November – 2014 March  
Hold committee meetings  
Develop strategies

2014 April – August  
Write plan  
Communicate with campus – the plan is coming!

2014 September – November  
Roll out draft plan to campus community for final comments  
Incorporate comments  
Have plan officially approved

## Appendix

1. UofR Strategic Plan 2009-2014 *mamawohkamatowin: Our Work, Our People, Our Communities*.

**A5 – Make the University a leader in environmental responsibility. Put sustainability at the core of our teaching, research, and campus life.**

- A5.1 Promote sustainability in the way that we work and live on our campus.
  - A5.2 Wherever appropriate, address issues of sustainability in our curricula, and emphasize them in our research and public service.
  - A5.3 Co-ordinate initiatives to reduce our consumption of energy and our campus's impact on the environment.
  - A5.4 In the context of environmental responsibility, evaluate all campus development, as well as our place in Wascana Centre and the City of Regina.
2. Kaplan research  
(to be attached)
  3. Ordonez et al., 2009  
(to be attached)

The Print Optimization Project continues to make progress. We now have involvement from Luther College, Students Union, and we currently are working with Aspen Medical to include them in our program.

Of the existing areas, we are working with Science to deploy their plan, and are currently reviewing MFD utilization across campus. Our records indicate that we still have a significant surplus in capacity in some areas, so a further reduction in the number of printers on campus is possible.

A new issue has recently come to light – the appropriate utilization of space on campus. We have faced some resistance by units refusing to allow device installation in common areas that they have designated as "lunch rooms", incurring additional cost to the university for installation of network and electrical drops. We have also discovered that 12 machines have been installed in public hallways, in contravention of the Building Fire Code. Facilities Management will notify these units that these machines must be moved to a more appropriate location.

The University device count is now at 706. The project is still promising to deliver over \$1.4 million in savings over 5 years. We have seen a 26% reduction in greenhouse gas emissions and an 8% reduction in electricity consumption per year since implementation of the Print Optimization Project began.

The Print Optimization Program began implementation in June of 2010. This has led to a dramatic change in the way the University prints. Previously, the campus has 1185 printers with no central control over service, toner consumption, etc. Print Operations Group projected that the University's annual expenses on printing was approximately \$905,000 per year (2009). Printing Services assumed ownership for all printing and copying devices on campus and began replacing personal desktop printers with departmental multi function printer/copier/fax machines. Until the end of 2012, we have reduced the total number of devices on campus to 706. Our annual cost for print is now approximately \$630,960.00 – a reduction of 30%. The program has resulted in an overall reduction in the volume of print being done on campus. In 2009, it was estimated by POG that the campus was printing 13,000,000 pages per year (on departmental printer, not including Printing Services), at the end of 2012, we printed 8,050,000 pages per year, a reduction of 38%. In addition, we are estimating that pages of print which previously had been sent to Printing Services for production were moved to the departmental MFDs, resulting in a further reduction of 41% in print being done in Printing Services of (from 7,015,300 pages in 2009 to 4,132,000 in 2012) . From 2011 to 2012 alone, paper consumption declined over 6% across campus.