

UR Sustainable Campus  
March 2014 Engagement Sessions  
Transcription of Ideas

On March 5 and 11, 2014, over 40 University of Regina students, staff, faculty, and community members met in a “world café” style to discuss sustainability themes as identified in the December 2013 campus wide survey. Following is a transcript of ideas generated at each themed table - Waste Reduction/Consumption, Transportation, Energy Conservation / Generation, and Open.

**Waste Reduction/Consumption**

**What would you like to see U of R keep doing?**

- Is there an assumption U of R will stop doing something?
- Recycling become more efficient, or improve
  - paper recycling
  - needs more public awareness of processes
- Print optimization working
  - publicize impacts better
- Keep recycling that we do, but build on it
- Energy/heating plant efficiency
- Reusing construction materials
- Composting for landscaping materials (WCA)
- WCA/U of R – relocating trees
  - 100's over last 10 years
  - 98% survival rate of trees
- Fluorescent light recycler?
- Low flow toilets, waterless urinals in new construction
- Cmpn – recyclable/biodegradable dishware (chartwells)
- Edible campus, gardens
- Print optimization – if does reduce paper consumption
- Paper recycling – offices
- Hallway recycling containers
- Evergreen program – recycling of computer equipment every 5 years
- Keep reusing computers
- Luther café - trayless dining reduction in food waste
- Increase awareness
- Promote what is already happening
- Hand out reusable water bottles
- Keep using recycled paper
- Battery recycling
- Double-sided printing
- Recycling program (for different materials)
- Communal gardens
- Water filling stations
- Reusing materials in construction
- Electronic notes
- Double sided printing
- Open source software's
- Electronic signature documents
- More recycling bins
- Enhance concept of sustainability
- Reduce students need to use paper
  - use electronic
- Proper knowledge is important – needs experts
- Training for communication
- Enhancing number of recycling bins
- Enhancing current knowledge of recycling
- More electronic usage
- Creating more information

**What bold new ideas and possibilities would you like to see U of R explore and initiate?**

- Use of recycled products – paper
- Implement easy ideas to
  - improve recycling for all materials
  - food services use reusable containers, napkins, etc...
  - encourage Chartwells to use consistent procedures across campus (don't want to be asked/forced)
- Local food procurement – U of W model
- Composting
  - industrial food
- - vermiculture
  - demonstration projects
  - offices
- Link between waste and health
  - consumption
  - CO2
- pesticide free campus (toxic waste)

- Balance CO2 consumption by planting more
- Water consumption
  - grass
  - collection – infrastructure barriers
- Partner with other institutions – hospitals, universities
- Use manual machines – lawn mowers, snow removal
- Conexus does food recovery
- Use smart interpreters – motion sensor lights
- Watering grass at wrong times of day (like when it's raining, or going to) – resource money issue
- Don't water – go back to natural vegetation
- Different colour ,designs for different recycling bins, pictures
- Coffee cups
  - incentive to use reusable mug
  - OR – rinse and recycle
- Starbucks – 10-20¢ off coffee – but no advertising
- Chartwells partnerships
- Create composting – coffee grounds
- Grey water – toilets
- Water efficiency
  - reduce drips
  - all urinals auto flush
- Energy efficiency
  - computer labs at night time
  - lighting – oversaturation, sensors
  - “right light it”
  - too much lighting in some areas
- Washroom paper towels
  - no airless
  - use less – teach how to dry
  - auto dispensers
- LED lighting
- In WCA – replacement of streetlights
  - whole stand will be going to LED
- Paper recycling for all (In Regina, paper is the 2<sup>nd</sup> largest waste stream)
- Recycling for everything
- Trayless dining throughout campus
- Many more recycling bins every 100ft.
- Communicate
  - where/how to recycle
  - advertise and educate – (ex: Tim's discount for using recyclable mug)
- Food recycling composting
  - in vessel
  - clean, no smell
- Dishes – are they compostable?
  - D. Stilling – flax dishes
- Use U of R innovative research on campus
- Waste water collection/use – rain
- Stop selling bottled water
- Better signage – recognizing what we do
  - ex, water bottle filling sites
- Dashboard display on U of R website
  - energy and waste
- Simple
  - average of Canada vs. U of R
  - so people will be reminded everyday
- More information for everyone
  - keeping it in front of people will change people
- Newer plumbing fixtures
- Short-term cost, long-term gain
- More smart buildings
  - turn lights HVAC on/off
- how much energy do we use for running technology – can we be more efficient?
- Get rid of plastics
- Promote double-sided printing
- Post consumer-related (recycled content) information
- Kijiji for U of R students only – monthly swap meet
- Electronic recycling
- Visual displays and separate bins
- Reduce pesticides
- Composting
- Gardens - organic- local
- More motion sensor lights
- Shut down electronics
- Toilets that use less water
- Composting and compostable plastics
- Promoting double sided printing
  - double sided prints by default/automatically
- Use less paper for printing off lecture notes
- Limit printing
- Discounts for electronic copies
- Reusable notes
- More paper recycling
- Water bottles
  - non-plastic
  - stainless steel
- Separate bins for food waste
- Separate bin for compost
- More research and local focus
- Make marketing items reusable
- More technology for sustainability
  - paper usage system
- Limit bottled water
- Composting
- Reusable container by individual
- Sharing resources/equipment information with students
- Cultural shifts
  - starts with education
  - online forum for reusable materials
- Food consumption
- Waste management competition

- Compost
- Water collecting
- Prairie native UPass

**When you look at these ideas and possibilities, what 2-3 actions are needed for waste and consumption reduction to become a reality? What do you suggest the U of R do first?**

- Composting (zero waste)
- Full recycling (zero waste)
- partnerships
- Chartwells (biggest impact)
  - other institutions
  - between faculties
- more conscious food management
  - local procurement
  - recovery (no food waste; donations)
- Recycling on all facets
  - extensive
  - easily accessible
  - inclusive
- Water conservation
- Education – letting people know what’s on campus right now
- Education/visibility
- Class talks
- “Office” talks
- Policies, resources
- Top down and bottom up
- Change temperature set point
- More recycling bins
- Compost for food waste
- Phasing out of plastics and Styrofoam sold on campus
- Container exchange programs and reusable plates
- Waste audit campus wide
- Green chemicals used campus wide
- Assessment plan (waste audit)
- Recycle programs and compost programs
- Online exams
- Reduce plastic drinks (vending machines)
- Use technology to reduce waste
  - solar power compaction of wastes/garbage
- Promote easy access to paper recycling (better recycling)
- No plastics and Styrofoam
- Balance between natural environment and university environment
- Purchasing practices for sustainability
- Paper recycling
- Native UPass
- Water collecting
- The three R’s
- Stop going backwards, higher priority to reusing (ex: computers used to reuse, now recycle)
- Awareness, engagement, education
- Long term planning
- Purchasing
- Chartwells
- Changes
- Incentives for all
- Long term planning
- Incentives for buying items that are energy efficient and last longer
- Life cycle cost
- Do at least the basic sustain stuff
- Recycling
- Paper
- Coffee
- Beverage containers
- Compost
- Revenue stream

**It’s 2020 and the U of R is seen as a model for waste and consumption reduction. What has happened to result in this reputation?**

- Streamline bureaucracy to get things done!
- Increased awareness and engagement by everyone on campus
- Courageous leadership
- Put sustainability ahead of saving money short-term
- Native landscaping
- Zero waste achieved
- Stop thinking of ourselves as an island
  - more networking
  - part of Regina
  - cooperative action vs. Competition
- Connect waste to health
- Switch to systems thinking
- More success than what happened after 2004 – J. Fisk U of R report
- Why? – money, timing – we’ve had 10 years
- University – policies
- Institution strategic plan needs to implement sustain practices
- Sustainability in strategic plan, policies

- More
  - money resources
  - staff have been assigned to implement
- We have researched sust. practices
- Behavioural changes, cultural changes
- Stop going backward – higher priority to reusing (ex: computers used to reuse, now recycle)
- We have research education sustainability practices
- Change purchasing – may lead out/affect to larger community
- Little waste
  - efficient waste reduction
- Regina would have the support/facilities for us to recycle
- Buy local
- If you can't buy it, do it or make it
- Community leader
- We've invested money and saved money
- No plastics, Styrofoam, and paper towels on campus
- Composting – student interaction
- Full cycle of waste reintegration
- Zero waste
- Everything composted/recycled
- Paperless(ish)
  - as paperless as we can be
  - online exams
- No plastic or Styrofoam
- Organization of recycling
- Re-usable water bottles
- More refillable water stations
- Incentives for waste reduction – (cheaper coffee if you're using a to go mug)
- Confidence
- Collective mind
- Mobilize equipment
- Up cycle
- Partnerships
  - first nations
  - city
- Waste heat recycling
- Purchasing practices towards sustainability
- Collective will for sustainability
- Shared knowledge based universities
- Developing some cultural connection with the world
- Annual measures for sustainability
- Sustainability in academics
- Create urgency for change for sustainability
- Paperless hand drying
- Zero-waste objective

## Transportation

### What should the U of R keep doing?

- Carpooling – separate parking
- Motion sense lighting
- Transit live
- Idea of a UPASS to endorse students to take the bus
- Care share
  - increased convenience for those on campus
- Employee transit pass program
- Better access and more bike racks
- Bicycle co-op rental program
- Decreasing parking spots to encourage carpooling
- Residence building easy recycling (LI)
- Free parking for events
- Carpooling spots
- Carpooling networks for persons with kids
- Adjacency to the Wascana Park (trails)
- Institutional support for biking
- 10-ticket bus pass allows for flexibility and is cheaper
- Website to access car sharing
- Better bus scheduling, particularly on Sundays
- Bike racks
- Shuttle for residents to grocery store
- More car share
- More awareness of these programs
- Reducing surface parking spaces and increasing underground parking
- Increase capacity for safe bike storage
- Carpool website
- More education/awareness
- Live transit displayed on screens
- Add walking as a category
  - safe walking spaces including other modes (skateboarding, rollerblading, etc...)
- Community garden
- Car share program
- Wheelbarrows for transporting goods
- Farmer's market (so you don't have to drive to grocery store)
- Late night transit service
- Bike racks
- Composting on campus to reduce transportation
- Potential for bike racks in down town
- Bike lanes to campus
- Bus service is adequate at times
- Service to campus is good but not around campus
- Rerouting bus services

- Peak times
- Visitor parking is questionable
- Consider cost of meter and regular parking
- Continue to increase cost of parking
- Parking fines
- Allotted motorcycle parking
- Interconnected buildings
- Carpooling – but we need a better job at marketing it
- What does 10am mean?
- Just with U of R or other locals in Regina?
- Natural thing should be to carpool, everyone else receives a sticker or marker of some sort – has to go to extra effort to opt out
- Lots of bike racks
- Bike cages are inaccessible – need more of them
- All buses have bike racks
- Rainy days

**What bold new ideas and possibilities would you like to see the U of R explore and initiate?**

- Centralizing activity (rec)
  - more services on campus
- Cost sharing between students, city, and university for transportation services
- Multi-story parkade
- Pressure on Regina transit
- Hybrid charging stations
- Light rail system for the city
- Shared parking passes
  - students encouraged to schedule to share
  - possibility of reduced cost for pass
- Increased bus scheduling on weekends and off times (holidays)
- Challenging city transit to become more efficient
  - partnering in research (ie: making left turns)
  - options around smaller busses, community shuttles, more frequent routes
- Scheduling courses to make transportation more efficient
- Create our own university transit system
- Work with the city to make busses more available
- Bus passes
- Just make a decision about a UPass
- Make services more efficient
- Make partnership with the city and tell them to add more stations in campus, including bike stations
  - link bus to bike sharing
- Present a model to the city
- Improve PR for carpooling – including website
- Fees for parking should go up
- Increase services for residents s they don't need to bring their cars
- Bike shop on campus – particularly in residence
- Bike cage outside
- No trucks, especially where there are pedestrians
- Need transport bikes or carts for garden
- Extension shuttles to shopping malls
  - provide free shuttle service if students spend \$\_\_\_\_\_ on purchase
  - cost is covered by the fact that students are spending money in the mall/store
- Provide shuttles to the bars
- Make it more difficult for people to use cars and communicate within the transit
- Reconnect sidewalks
- Enhancement of trails and connectivity (and expansion too)
- Provide maps of campus and in and out routes
  - for walking and biking
- Every enhancement should include pedestrians and bikers
- Include a bike lane on all campus roadways
- Safety on Wascana Parkway
  - crossing the street
  - protection for bikers
- Parking based on car size
- Increasing bike renting services
- More flexibility with schedule on shuttle services
- Improve frequency of bus
  - improve access
- Accessibility inside campus
- Shuttle
- Composting has transportation issues
- Turn compost (food waste) into a revenue stream rather than paying
- Better communication of services on campus
- Reduced speed limit in Wascana Parkway
- Walkover on Wascana Parkway
- University support for UPass
- Start designing roads in the campus that are multi-lane
- Bus-only entrance to campus
- Carpool space should be available later into the day
- How to get to the khs bike cage thru 3 doors?? Down ramp with cars?.. make it more accessible
- A carpooling website
- An app, like the owls
- Shopping for students (currently no variety) – grocery store on campus (or else it's 1.5 hours there and back for students on a bus trip for groceries)
- Default UPass, then can opt out if necessary
- Connect UPass with carpool
- Moose Jaw SIAST bus – partner with them

- Ask transit to offer discount of 5-10% and raise parking rates
- Be conscious of low income people and families
- Solidly designed paths (biking) and easy to find, maybe an app with a map
- Make carpooling the norm – apps to find carpool rides (even if only for one day)
- Automated transport – driverless cars will change people move, and build infrastructure thinking ahead long term
- Let people know what innovative things are being done AND promote them
- Daycare kids ride for free
- Promote carpool as natural option – how?
  - stalls nearer building
  - parking incentives for carpooling
- draw for free spots
- R-Pass, like airmiles
- honour system, random checking (if caught) fines should be steep
- Need to do much better job at informing people
- Give other people (SIAST options) before you purchase a parking pass
- Education
- Link registration with transportation
- Cost estimation (which is currently hidden)
  - Eg waiting for x mins vs cost of running car
  - Map, way finding what a person experiences
  - Eg for bicycling: suggested routes to get campus safely

**What 2-3 actions should be adopted to help sustainable transportation and (your theme) become a reality? What would you suggest U of R do first?**

- start negotiation food contracts to ensure vegetation/vegan options are available
  - educate students and staff
  - promote inter-camp comp.
- Start talking and make decisions within the city
- Partner with the shopping community
- Better promotions with what we are doing already
- Lead by example as an institution to cause a change in culture
- Bikers – more storage, bike lands
  - multi-vehicle access, safety
- Public transportation
- Road and street design for pedestrians
- UPass
- Improve bicycle infrastructure (bike cage, bike lanes)
- Provide service for people with mobility issues to move from one building to the next
- Safety on Wascana
- Build a campus community that is easy to move around
  - connection between new residences with other buildings

**It's 2020 and U of R is seen as a model sustainable campus. What has happened to result in this reputation?**

- Larger integration of technology
  - shift towards paperless
- Fewer cars in parking lots
- More students taking the bus
- Students to help students/employees partners in car pooling
- Reduced surface parking
- 50% come to campus via public transportation
- Innovative class scheduling, reorganized education
- A shift in the way of education
- Integrated sustainability into every aspect of university and in everyday life.
- More public transit
- More walk able
- Fewer cars
- Nordic ski trails
- Better winter marking in parking lot stalls

**Energy Conservation and Generation**

**What would you like to see U of R continue, or keep doing?**

- Connected buildings saving energy and money
- Heat transfer in RIC to conserve energy
- Continue supporting LEDs/Technology
- Continue investing in new methods/researching/other countries
- Energy efficient products
- Turning lights on campus off in the evenings

- Motion sensor lights
- Green roofs
- New buildings built for sustainability
- Stand by made for thermostats
- Control over heating/cooling
- Consolidating classes in one building, especially evenings
- Windmills/turbines
- Solar power
- Keep researching sustainable initiatives with engineering students
- Motion sensor lights
- Print optimization
- Lowering temperature when people are not on campus
- Consolidating classroom space, especially in evenings
- Start publicizing what we're doing
- Keep doing what we're doing well in this area of energy
- Why can't we purchase more green energy?
  - can U of R study green energy more?
  - more green energy through SK power model
- Conservation – keep getting better – are there other projects?
- Social things to do – class consolidation and other behavioural things
- Solar panels in new buildings windows
- Windmills
- Make information simple so that everyone can understand the dream – self-sufficient dream
- Revitalizing college avenue campus
  - renovating building – new standards
  - downtown campus – higher density, poor transportation
- Lighting sensors – should be promoted
- Other things should be promoted too
- Building connectivity
- Bringing information from energy successes to public
- Include full cost accounting for any new project – ie: solar panels
- Invest in connecting new residences to LI, Campion, Luther
- Connect all new buildings to existing
- Energy efficient products

**What bold, new, innovative ideas would you like to see U of R explore, initiate**

- Incentives to conserve energy
  - lab equipments
  - daily practices
- Solar energy power/green energy
- Educating people/change approach/culture/thinking
- Retrofitting in old buildings
- Make proximity to Wascana Park more obvious
- Make on-campus living more lively
  - no need to travel
- Lighting should be energy conservative
- Be a beacon of inspiration
- Power down electronic devices
- More efficiency
- Solar panels in new buildings
- Renovate old buildings to be more efficient – college west\*
- More green power
- Climate change action plan
- LED lighting
- Solar panels – for lighting
- Renovate older buildings to be sustainable
  - thermo cautions
  - adjustable thermostats (stand by)
- More sensors
- Improve heating and venting system
- Areas for studying
- More education for simple tips
- Day lighting
- Efficient showers
- Motion sensor sinks
- Proper signs
- Solar power
- Lights outside on streets using solar power
- Cost-related should be investigated
- Energy conservation should be considered
- Design of buildings to vary temperatures in summer and winter
  - temp drop or increase to insure that temperature is not excessive
- Buildings envelopes in buildings to circulate wind
- Color also has an impact on energy conservation
- Solar panels for lighting
- Solar panels for heating
- For maintenance of ground – less reliance on gas based equipment (snow, grass, leaves)
- Explore funding from range of energy providers for green energy
- Using cold from outside for refrigerators (during winters)
- Dashboards for energy consumption everywhere on campus
- Encourage research in new green energy options
- Make part of strategic plan
- Get all the stakeholders involved
- Full time sustainability office
- Bike rentals/parking – reduce gas consumption

- Lower temperature of heating if not required
- Use energy from gym workout
- What are universities priorities regarding environmental issues?
- What environmental dangers are we facing, what is U of R's overall plan? What do we want to contribute?
  - see whole picture
  - how does U of R actions affect larger community (City, SPC) or individuals
- Speak to experts to educate rest of us – to learn what issues are
  - experts need to inform whole campus
  - everyone involved in process
  - have to be honest – these are political issues at play (like climate change dimensions)
- Sustainability surveys – is it representative of UR campus?
- Innovation around direct energy use
  - passive solar
  - wind mill – grinding
- Place based production
- Take advantage of extreme weather
- Move to intermediate/appropriate technology – people can build own individual addition to houses – root cellars
- Simplicity “plus” make old new
- Non-co2 generating technology – would require customization for optimization
- Partnering with smaller communities
- Heat from animals
- Using waste for energy
- City – methane from landfill
- Place based production – benefits because no transportation costs
- Turn disadvantage (middle of prairies) into advantages
- Sask – high rate for volunteerism
- Shared power – excess power given away

**When you look at these ideas and possibilities, what 2-3 actions are needed for energy conservation and generation? What would you suggest we start with?**

- Make students accountable for every consumption
  - how much
- Energy dashboard on website showing conservation/visible on every page on campus
- Focus on wind/solar power
- Also look for other options – geo thermal
- Lithium batteries with wind turbine to reduce pulsating
- Be a model for others/collaboration with other institutions
- Green roofs on new buildings
- More efficient products
- Proper insulation (building shell)
  - makes old buildings more efficient
- Improve building efficiency
  - sensors for lights and water
  - unplug electronics
  - daylight savings time
- Top-down approach, U of R must be willing to accept tough decisions/criticisms
- Reduce the number of drink machines cooling water/lower temperature/put on a timer like an air conditioner
- Educating people to conserve energy
  - changing minds
  - practices
- Make people accountable for what they do to energy usage/consumption
- Observe other countries/universities and see what they are doing to conserve energy
  - implementing those models
- Look into more efficient lighting systems
- Reduce use of technology to save energy
- Hydro-thermal power generation
- Living laboratory
  - work with small communities
  - connected with research and teaching
- Shared buildings – in small communities
  - with U of R, U of S, etc...
  - so don't have to build a new building
- Getting students involved
- Experimental places on campus
  - adding onto with modular's
- Once you produce items, you need to distribute
- Co-ops, new transportation types
- Address administrative issues
- Ensure admin support for sustainability
- Can we find other universities that are dealing with similar environments (prairie) and learn from them?
- Transparency for all budgets and funding
- Promote energy transition
- Involve students from different faculties
- Billing for faculty/res use of energy



**It's 2020 and the U of R is seen as a world model for energy conservation and generation, what happened to result in this international reputation?**

- Board of governors should be accountable
- Competencies and practices for every conservation
- Part of a strategic plan
- Green roofs on all buildings
- Energy (green) self-sufficient
  - net zero campus
- Programs for energy efficiency
- More natural light for classrooms
- Educated public
- Meters for energy consumption related to cost
- Public awareness of sustainable practices
- Rural sask are doing well
- New UR place based learning programs
- We'll see the new energy producing opportunities
- Use the outside space for teaching
  - amphitheatre, etc...
- Students can build spaced
- Arts – train generalists – can live anywhere on planet, relate to people
- Engineers training art students on local technology (building straw bale house)
- U of R finds way to implement these ideas that are fiscally socially responsible
- Campus has developed positively, it's a model for other campuses
- Double interest of people/citizens of UR that take sustainability seriously
- We've used community based social marketing to rise

**Open Theme(s)**

**Identify the theme(s) you're interested in discussing**

- Greater availability and promotion of vegan and vegetarian options
- Greater assistance from the university for bussing options
- Interconnection of sustainable activities
- Challenge each area to become more efficient (ex: Carillon, TV's)
- Environmental education and research
- Community engagement and sustainability (social justice)
- Food and water
- Environment and culture
- Procurement (fair trade)
- Conflict of interest
- Education for sustainable development
- Focus on bringing together the dream of the origin
- U of R sustainable campus advisory groups
- Education on sustainability
- Focus on "dreams" for PACS
- Discussion on what "sustainability" is
- Well-being of economic, social, cultural, environment
- What is the "responsibility" of individuals
- Water conservation
- Gardens
- Landscapes
- Food/waste
- Building facilities – energy conservation, water use
- Education
- Landscape/land use
- Measuring Impacts
- Community engagement
- Research students and staff (inclusive) Education
  - environmental awareness in the university
  - understand what the problems are
  - how serious they are and how to pool resources
  - can use education resources to create environmental awareness
  - theme is environmental awareness and knowledge
- Food & pesticides

**To boldly advance your theme(s), what innovative ideas do you suggest be explored, initiated?**

- Procurement
  - vendor options
  - fair-trade campus
  - local foods – organic
- Conflict of interest
  - if "sustainable" what can/can't we do?
  - focus on what we can do
  - strategic focus on strengths
  - enhance existing partnerships

- make “difficult” decisions – cost, an add-on or a commitment?, PR benefit, consequences?
- Food
  - the whole system...production, regional concern, waste...systems thinking
  - more than just consumption
  - interconnectiveness.... research, instruction, student projects, institutional support
  - communication
- Work “difficultly” and “strategically” to bring together the various faculties to embrace and engage each other with sustainability but using principles to move from awareness to action
- “living” sustainability
  - schedule for students
  - accessibility
  - thoughtful planning, creativity
- Collaborative space for students
- Working with both staff and students to embrace and engage in sustainability
  - lead by example
- Landscaping in terms of students growing their own gardens
- Education in terms of leading about sustainability
- Habitat – attracting animals to help us maintain a healthy garden
- Biodiversity – social well being
- Education – have faculties compete
- Weeds steamer – idea from Saskatoon
- Managing budget – incorporating the biodiversity plan at the U of R
- Thinking into the future
- The first step is going into experimentation (soil levels)
- Faculties that can join in – biology, chemistry, business, etc...
- ESL students in summer to take on landscape projects
- Environmental awareness and knowledge
  - a more holistic approach to the concept of sustainability and how we treat it on campus
  - it would be useful to study what other universities have done and learn from them
- look at how other organizations in Regina change how they have advanced sustainability
  - look at other prairie ecosystems
  - solution-based approach
  - learn from colleges so we can make the wisest decision that looks at all the variables
- Food & pesticides
  - healthy choices – get rid of sugary drinks
  - controlling what people eat – whole foods, “healthy” foods, foods that are low in preservatives, local foods – farmers markets, organic foods
    - push for awareness - CSAS – poster that boost for awareness for healthier foods
    - workshops and menus to help students to eat healthier and make healthier choices
    - free market on campus? – we are in a monopoly, who does not provide healthier foods on campus
- Landscape
- Edible gardens
- maintenance
- open to community,
- Access-lots, transportation, farmer’s market
- Responsibility to “give back”
- Food box and food supplies
- Local produce purchased, sold
- Policy
- Timeline
- Innovation (agri.)
- Greenhouses
- Community Engagement
- “awareness and use”
- “access” year round
- Knowledge re: many amenities on campus
- Rainwater collection
- Feedback to our urban..... green environment
- Opportunities
- FNUC native prairie
- Native plant species in plantings
- “roof”
- Campus tours to increase awareness
- Outside the buildings “signage”
- Increased “markers” to educate....walking paths

### What 2-3 actions would U of R need to initiate to advance your ideas?

- Move from local success to regional, national, and international research opportunities
- Edible gardens – sustainable initiatives – institutionalized for continuity
- Inclusive “all” including custodial staff – engagement at all levels
- Timely involvement – accessible and visible
- “living laboratory”
- Involve students and staff with biodiversity
- International students – have them explore and learn about the native prairie
- Environmental awareness and knowledge
  - a conference that connects different institutions and educates Regina about sustainability – could rotate between institutions (U of S, U of R, SIAST)

- connect to policy makers, bring them in
  - a seminar series during the semester
  - a media forum – old and new media,
- involve the journalism department and the new station
- tale to newspapers like the prairie dog, our journalism students, and people interested in sustainability and see how they do it and talk about resistance in the mainstream media
  - link UR sustainable campus to social media
  - create an app that could give sustainability tips
- Food & pesticides
    - improve food suppliers
    - create a way for healthy foods to be accessible on campus
    - leave room for independent food makers – vendors
    - farmers marker in the mid-fall-winter semesters – a bin at the food bank to give to students at the U of R
    - in return for the service, residence students may work/help out at the food

- bank/farmers marker
  - community kitchen – incorporating learning for students
  - mini grocery store with sources of healthy foods (whole foods)
- Plan...priorities...community engagement...importance and vision for U of R.
- Issues...their impact on community (define and measure... evaluate to lead to next step)
- We need to have continued engagement with students beyond grad...applies to “all” in whatever capacity at the U of R...opportunities ongoing
- Staff to continue the process
- “connect” the dots
- Continue collaboration
- Core funding for sust. Initiatives
- IDS 290-luther
- Educational programming
- “mandatory” class- sustainability and community engagement
- Interdisciplinary...team taught
- Content subject to change
- Community service learning

**It’s 2020 and the U of R is seen as a world model for a sustainable campus. What has happened to result in this international reputation?**

- Move awareness from local to global action
- CIDA funding international students
- Have a showcase – biodiversity
- Food & pesticides
  - campus is loaded with whole foods (healthy food environment)
  - grocery store on campus
- bring in food from local food markers
- incorporate an edible garden
- having courses to raise awareness for healthy eating/foods
- compost for utensils (forks, spoons, etc...)
- biodiversity

**Tablecloths (Comments participants wrote on paper that was covering each table)**

- Enforcing garbage pickup
  - orientation days are the worst for leaving garbage on the green
  - which is one of the first things new students see
- Recycling bins on res floors
- Online textbooks
  - reduce paper
  - reduce costs
- Entrance/sensor lighting in all classrooms
- Recycling in res
  - be sure it is sorted, no garbage in recycling, no recycling in garbage
- Online exams
- Slides of notes that are non-printable
- Require students to use re-usable cups to buy coffee and other drinks
- Do campus wide waste audit
  - Riddel
  - residence
- Invest more in post-consumer waste products, clothing, furniture, office products, etc...
- Start a compost system for food waste
- Container exchange program and ban plastic containers
- Make containers out of flax straw. Provide business to art students to make bowls for soup, chili, etc...
- OR introduce biodegradable packaging
- Ban washroom paper towel and use low energy
- Create a university of regina kijiji or facebook page

- Ban Styrofoam
- Better signage for recycling
- Make recycling system more accesable
- Join city of regina recycling program
- Reticence recycling programs to collect plastic
- Put lids on garbage bins and recycling bins
- Residence electronics recycling program
- URSU or university should organize an annual swap event at end of year to exchange electronics, textbooks, etc...
- Turn off lights
- Implement solar panels in new campus renovations and new buildings
- Promote what's already been occurring
- Better insulation in buildings
- In the future...
  - be energy self-sufficient
  - make a deal with sask power so that we are able to generate our own electricity and sell it back if we generate more than we need
    - in gym – get machines that are self-energy generating, even just to power TV's in gym, or lights
    - green house for winter gardening program
    - green roofs
    - buy more green power
    - solar panels rather than wind
    - invest more into environmental programs
    - net-zero campus
    - divest from fossil fuels
- Provide more local, nutritious food on campus
- Integrating sustainability into all education programs, not just engineering and environmental
- Increase awareness – students don't know what's available
  - make the smart choice or the easy choice
- Monthly electronic recycling
- Sectioned garbage/recycling
  - plastics (1-7 with signage) 0- Styrofoam, coffee cups, food waste, paper...
- Semester-end swap
- Internal Uregina kijiji type forum
  - buy, sell, rent
- Phase out plastics
  - incentivize the use of re-usable food containers
    - ban Styrofoam, double-cupping, etc...
    - biodegradable packaging
- Low flow toilets
- Change signs in bathroom so that taps are turned off first and then hands are dried
- For students, increase library hours and decrease light usage everywhere else on campus at night time to force students to use the library rather than other areas on campus
  - use energy efficient lighting in library
- Motion sensor lighting in bathrooms – save energy when room is not in use
- Construct/renovate more building with solar paneled roofs
- LED lighting
- Paperless pay stubs
- Eco-printing (double sided)
- More recycling bins on campus
- More water fountains on campus
- Free water bottles and coffee mugs
- Recycling in residence
- More paper recycling
- Lids on garbage cans
- Painted recycling bins do stand out
- Electronics recycling
- Reusable plates in Riddell
  - washing stations could make more jobs for students
- Green cleaner
- Better insulation
- Self-generating exercise machines
- Greenhouses
- Install solar panels all over campus
  - add to college. Ave campus renovation plan
- More efficient lighting
- Power-down electronics at night
- Buy more wind power
- Introduce sustainability between faculties
- More water bottle filling stations
- Residents don't get into trouble for doing their own bottle recycling
- Swap meet at the end of residence contracts
- Colorful recycling bins so that they're noticeable
- Better insulation for CW concrete walls – proper window seals too
- Lower costs for busses and bigger busses so more people can be transported
- Storage in residence for bikes
- Purchasable parking passes for groups of people
  - allowed to use 1 vehicle
  - split costs
- Make thinner roads so people don't want to drive
  - pushed to walk
- Gluten free options added, as well as vegan
- Partnering with orientation and student residence committees
- Improve campus carpooling promotion
- Eliminate single car vehicle use
- Make bike lanes around campus
- Make bike lanes on main streets (Albert, Lewvan, Broad, etc...)
- Promoting utilizing actions we already use – bikes, carpools, etc...
- Make climate change action plan

- Dash boards to show current energy consumption on campus
- Implement UPass with city partnership
  - students then become bigger stakeholders in the city transportation system – makes a relationship between students and the city, not just the university and the city
  - increased safety and sustainability issues (cameras and security around busses)
  - more student involvement in decision making
  - must be promoted
- Incentivise sustainable transportation options
- Approved places indoors to store bikes
- Allow bikes to go through buildings (ex: RIC hall to access green)
- Improve indoor bike parking
- Bike maintenance stations on campus
- Partnership with the city on sustainable transportation issues as well as better lighting and clean bike/walking paths
- Increasing awareness for alternative transportation options
- Reduced transit rates for students
- Guaranteed Kin lockers for students with bikes
- Use of new energy to save energy
  - turn off lights when leaving a classroom
  - set intelligent temperature
  - recycling water – not allowing bottled water
  - recycling bin classification in hallways
- Ban plastics, Styrofoam, paper towels
- More education on waste reduction
- Use compostable plates, utensils, and/or reusable materials
- Visual displays and separate bins for recyclables such as plastics, aluminum cans, paper, batteries, etc...
- Better water usage
- Carpool spots should be available later in the day (not just in the AM)
- Upass
- New paradigm for higher education
- Electric vehicles for campus facilities
- Shift from short term to long term actions
- Reorient the education system around sustainability
- Make walking a safer option
- We do currently have a bike cage, but it's too hard to use
  - have to push through 3 doors with a bike, and there's only one cage, we need more
- UPass
  - in effect; reduce unnecessary tuition costs
- Better bus transportation and services to encourage students to take the bus rather than drive themselves
- Make students more aware of the transportation services available such as bicycle co-op rental program
- Decrease bus pass and bus ticket costs
  - this will encourage people to take the bus
- Have a zero waste objective
  - less waste = better health
- Stop thinking of U of R as an island
  - we are apart of a larger community. We can work with others to tackle these issues, share our knowledge, pool our resources, and have a bigger impact
- Food recovery
  - Carmichael outreach and Conexus do this
- Toxic waste reduction: pesticide-free
- Reusable dish service – replaces disposable takeout containers (happens at U of A)
- Incorporate low waste procedures/policies into event planning
- Integrate free trade tables throughout campus permanently where people can bring stuff they no longer need to be taken by others who need it
- Community classes and workshops to teach 3R skills (reduce, reuse, recycle) – preserving food, using recycled material, etc...