

DRAFT

**To:** FIU Faculty Senate Environment & Planning Committee

**Re:** MINUTES for Wednesday, 13NOV2013 Meeting

Dear E&P Committee Members,

The following minutes are submitted for your approval:

In attendance:

**Committee:** Roberto Rovira, Chair (CARTA), Peter Craumer, Vice Chair (A&S; via video conference from BBC), Mahadev Bhat (Earth & Environment / Agroecology), Xia Jin (Engineering / Civil & Environmental)

**Ex-officio:** Ryan Vogel (Office of Sustainability / FIU Preserve), Tony Vu (Treasurer)

**Guests:** John Cal, Associate VP of Facilities Management, and Joost Nuniga, Custodial Services Recycling & Solid Waste Management

1. **Minutes:** Review and Approval of Minutes from 30OCT2013 Meeting
2. **Discussion:**
  1. Recycling on Campus: John Cal
    - a. Joe Nuniga in charge of FIU recycling
    - b. FIU has Single Stream, leading edge recycling since 2009
    - c. Effectiveness: 2nd in state after UF
      - i. Events support awareness: Recycle Mania
    - d. Recycling operation is normal/routine
    - e. Campuses have multiple container types, but unifying/replacing these across campus would be costly; might not necessarily impact effectiveness of recycling program
    - f. Aramark jurisdiction on waste management: some issues that can be improved
  2. *Recycling on Campus:* Joost Nuniga
    - a. Re: difference in bins across campus: problem of replacing bins is cost:
      - i. looking at options with OOS (labels by OOS pending approval)
      - ii. Recycling totes are standard
      - iii. All bins are single stream bins
    - b. Two bins arrangement is popular trend: regular trash and recycle bins

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- c. 2013 solid waste-recycling data for BBC, MMC, EC campuses provided
  - i. might not include non-E&G buildings like GC, for example)
- d. Bins at PC/Betty Chapman: brown and blue labels; still evaluating this pilot project
- e. Costs:
  - i. over \$100k to replace bins on campus
  - ii. Concrete bins are \$500/ea
  - iii. Ryan Vogel: what would the cost be to pair the bins?
    - 1. JN: would still require purchasing additional bins
- f. Roberto Rovira: would there be any issues with sponsored bins? JC: no issues
  - i. Q: Are there examples of sponsored bins?
    - 1. OOS can look at branded bin examples
  - ii. Mahadev: would Waste Management or others be interested in sponsoring signs? JN: No
- g. JN: ea. office collects its own recycling within buildings
- h. Peter Craumer: what are the contamination issues or pushback from provider?
  - i. JN: currently have less than 10% by weight contamination
    - 1. (15% is the contract limit for contamination)
  - ii. JC: Behavior/compliance is good
- i. Styrofoam: banning is very difficult for labs, but business services CAN require no Styrofoam of its vendors
- j. Ryan Vogel: Aramark contract leaves room for interpretation; they handle "waste"
  - i. JC: FIU Facilities can review contract and ask Aramark to pick up recycling in exterior bins (Betty Chapman Plaza, for example)
    - 1. Nick diCiacco oversees the Aramark contract
- k. Mahadev: if we can improve branding we can increase collection
  - i. JC: volunteer custodial staff to attach signage
- l. JC: Facilities has been asked to increase trash bins vs. reduce bins
  - i. Unlike other institutions where reducing the number of bins is encouraged
  - ii. Tony Vu: Q: Who pays for the bins now? JC: Facilities does; to increase number of bins, need additional funding
- m. Vogel: New buildings: whenever a new building gets built they should go through Facilities to get the proper bins that are consistent throughout; should be standard procedure vs. leaving it to the new building staff
  - i. Q: Can there be a policy that requires the above?
- n. JN: Have data from waste audit
- o. Mahadev: How many bins do you buy each year to replace broken ones? JN: amount is not that significant

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- p. JN: Athletics is another area that could improve
  - i. Contracts are on an event basis
  - ii. JC: Costs of pairing trash cans at tailgates; marginal costs vs. reacting and picking up after the event; Facilities can look into this
- q. Athletics & Graham Center: invite them to future meeting (see INVITATIONS below)
  - i. Need to understand current situation and desire to have support across the board; recycling as priority; how can they be a part of the solution
- r. ACTIONABLE ITEMS/RECOMMENDATIONS:
  - i. SIGNAGE: attach new signs (pending approval) to bins *[Custodial staff & OOS]*
  - ii. SPONSOR: look at branded bin examples *[OOS Research]*
  - iii. CONTRACT: Review Aramark contract and identify possible improvement areas re: recycling/waste management *[Facilities]*
  - iv. PROCUREMENT: When we procure new bins as replacements and/or for new buildings make a consistent choice whenever possible *[Facilities]*
  - v. INVITATIONS: Graham Center & Athletics to future EAP meetings *[EAP]*
    - 1. Invitation to Carlos Carrasco (in charge of Recycling at GC) to EAP committee meeting on Wed. 22JAN2014
    - 2. Athletics invitation pending

### 3. LEED on Campus: John Cal

- a. Maidique signed the Climate Change agreement
  - i. FIU would pursue LEED Silver on all new construction
  - ii. MBR reconfirmed the commitment
- b. All new construction has been LEED Silver certified LEED with some Gold
  - i. Exception is PG5 Market station but the parking portion is so large that it can't be achieved there
- c. Also looking at building performance in energy performance
  - i. "The greenest most renewable form of energy is the energy we don't use"
- d. FIU led SUS in KW / sf : report is in the Facilitieswebsite
- e. EXT. 4600 : Dial for any facilities management work orders

Sincerely,



Roberto Rovira, Chair Environment & Planning Committee