

Recycled  
Paper:  
Can You **SPOT**  
the Difference?



# The Problem

- University of Saskatchewan is a large consumer of paper
  - In 2013, we used 88 tons of paper!
- Majority of office paper used contains no recycled content
- Potential for our paper supply to become more sustainable



# Stars Rating

- University of Saskatchewan 0.00/1.00
- Red River College, Manitoba 1.10/2.00
- University of Calgary 0.98/2.00
- University of Victoria 0.97/2.00
- University of British Columbia:
  - Simon Fraser University 0.25/2.00
  - Okanagan College 0.92/2.00



# Importance

- Environmental Benefits
- Reduces waste
- Compliments Forestry Industry
- Helps meet growing demand for paper worldwide



# Our Purpose

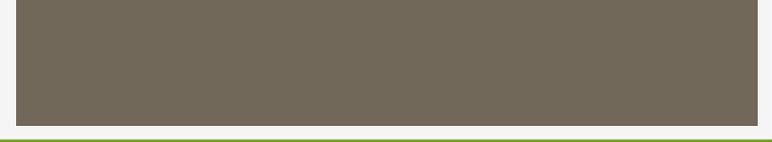
- To encourage the College of Agriculture and Bioresources to switch to a recycled office paper for all printers and photocopiers



# Current Paper

- The first step of our project was to look into the current system for purchasing office paper in the College of Agriculture





**How Can We Improve...**

# New Paper

- U of S has a purchasing contract with Supreme Basics who carries three recycled paper options:
  - Rolland Enviro™ 100 Copy Paper
  - Step Forward Paper™
  - Basics® 50% Recycled Multipurpose Paper



# Rolland Enviro

- Contains FSC Certified 100% post-consumer fiber
- Processed Chlorine Free
- Best source in terms of sustainability and environmental impact
- High cost unfortunately makes this option not economically viable

## ENVIRONMENTAL SAVINGS

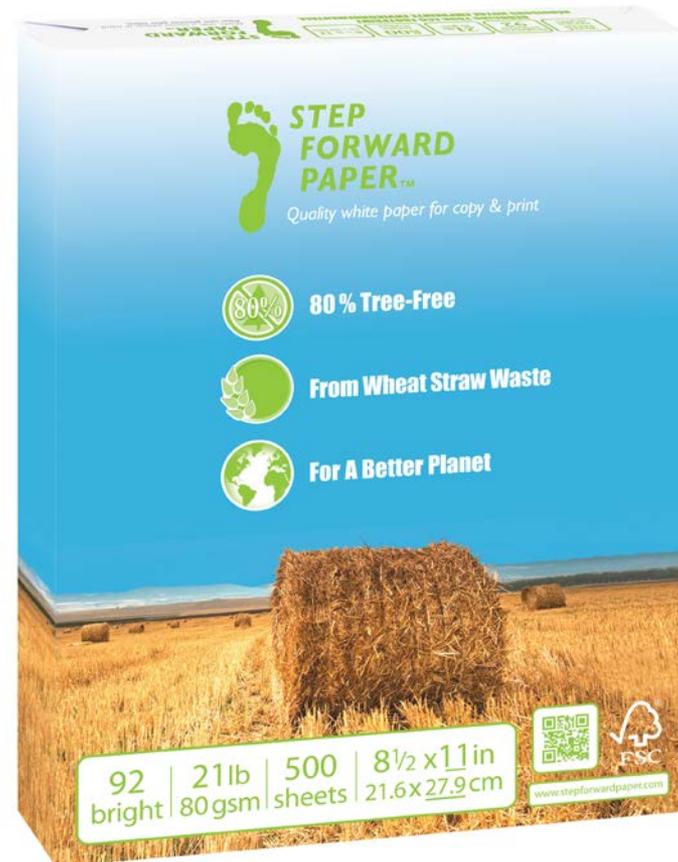
For 3 cartons 8½" x 11",  
20 lb., compared to its  
virgin equivalent

	 TREE	 WATER	 AIR EMISSIONS	 SOLID WASTE
	1	1,241 gallons	403 lb.	157 lb.



# Step Forward

- 80% wheat straw
- FSC Certified
- Elemental Chlorine Free Bleach
- Produced in India and shipped to Canada for distribution



# 50% Recycled

- Made in Quebec
- 50% post-consumer recycled material
  - Sourced from 1000 km radius of factory
  - Processed Chlorine Free
- 50 % virgin trees
  - FSC Certified
  - Sourced from Quebec
  - Elemental Chlorine Free
- Most economically viable source



# How To Implement Our Plan...

- Paper Trials for Quality



*"Personally I am extremely dedicated to the environment and any recycling program. 100% in favor. Yes, it was great, no jams, no problems. I definitely would like to buy recycled paper from Canada if the quality is there and you thought this would help in some small part environmentally. We use way too much paper at the University and it sometimes is embarrassing! Yes, I would go ahead with this paper [Basics 50% Recycled] if the College or University decided to carry it. I will offer any support I can with your initiative. Great job, noble cause..."*

<https://www.youtube.com/watch?v=laN6psrXQug&feature=youtu.be>

# Centralization

- A central distribution center for AgBio in the shipping and receiving area will facilitate the transition to a uniform recycled paper source
- Currently working on a deal with supplier to make recycled paper more economical



## Can You SPOT The Difference?

- We can... and it has nothing to do with “recycle fibers”
- Switching to recycled paper helps to:
  - Contribute to sustainability of forestry industry
  - Meet global paper demands without harming forests
  - Improve efficiency of paper production system
  - Reduce environmental impact
  - Reduce waste



# Conclusion

- Major issue with recycled paper was “thinness” compared to current office paper... We looked into that for you too!
  - Wheat paper thickness = 0.110mm      Opacity = 88      Brightness = 92
  - 50% Recycled thickness = 0.100mm      Opacity = 88      Brightness = 92
  - Current Paper thickness = 0.085mm      Opacity = 88      Brightness = 96



Thank you to the MAD Lab for letting us use their high resolution microscope!

# Future Goals

- Continue to work with the Dean and Supreme Basics to develop this initiative
- Improve STARs rating for Office Paper Purchasing
- Expand to the greater U of S community
- Implement a campus-wide recycled paper purchasing policy



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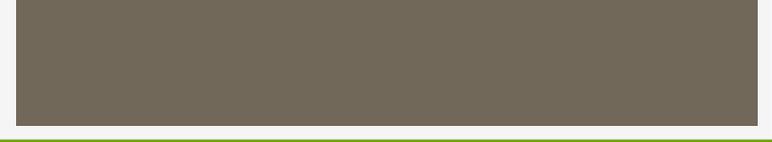
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**QUESTIONS?**