

Topic Support Network

Carnegie Conference Centre – 17 March 2015

Our Beautiful World: Beauty Shouldn't Cost the Earth

Elaine Crawford:
Sustainable Development Adviser
Project Consultant



What is Sustainable Development?

World Commission on Environment and Development:-

‘Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs’ (WCED, 1987).

3 elements:

- Social
- Environmental
- Economic



Why do we need Education for Sustainable Development?

- Climate change
- Use of finite resources
- Population growth
- Social justice
- Global citizenship

Who are the Drivers?

- **United Nations Decade for Education for Sustainable Development which started in 2004**

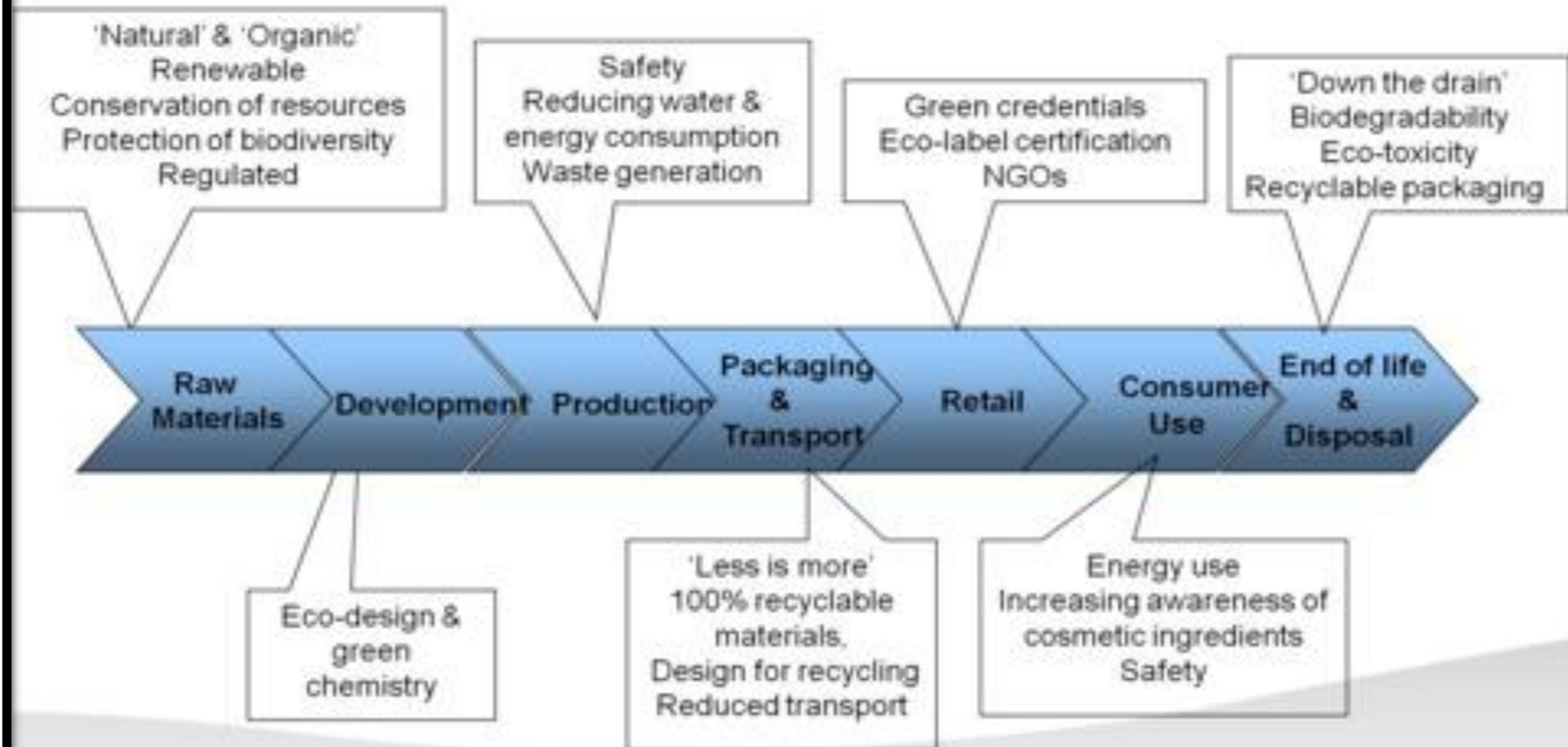
‘there can be few more pressing and critical goals for the future of humankind than to ensure steady improvement in the quality of life for this and future generations, in a way that respects our common heritage – the planet we live on’

- **Scottish Governments**

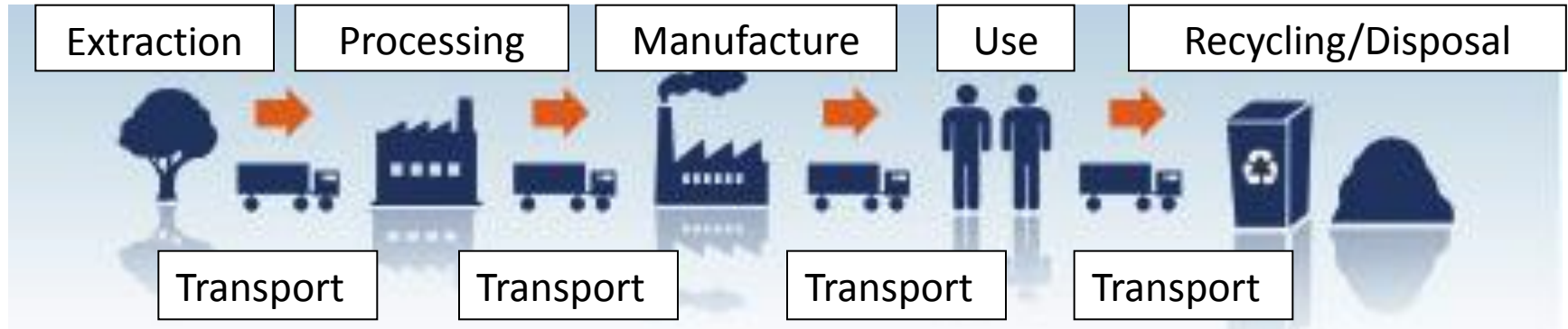
‘by 2014 people in Scotland will have developed the knowledge, understanding, skills and values to live more sustainable lives’

Life Cycle of Beauty and Personal Care Products

Sustainability trends are increasingly found across the Personal Care value chain



Workbook: Life Cycle Analysis

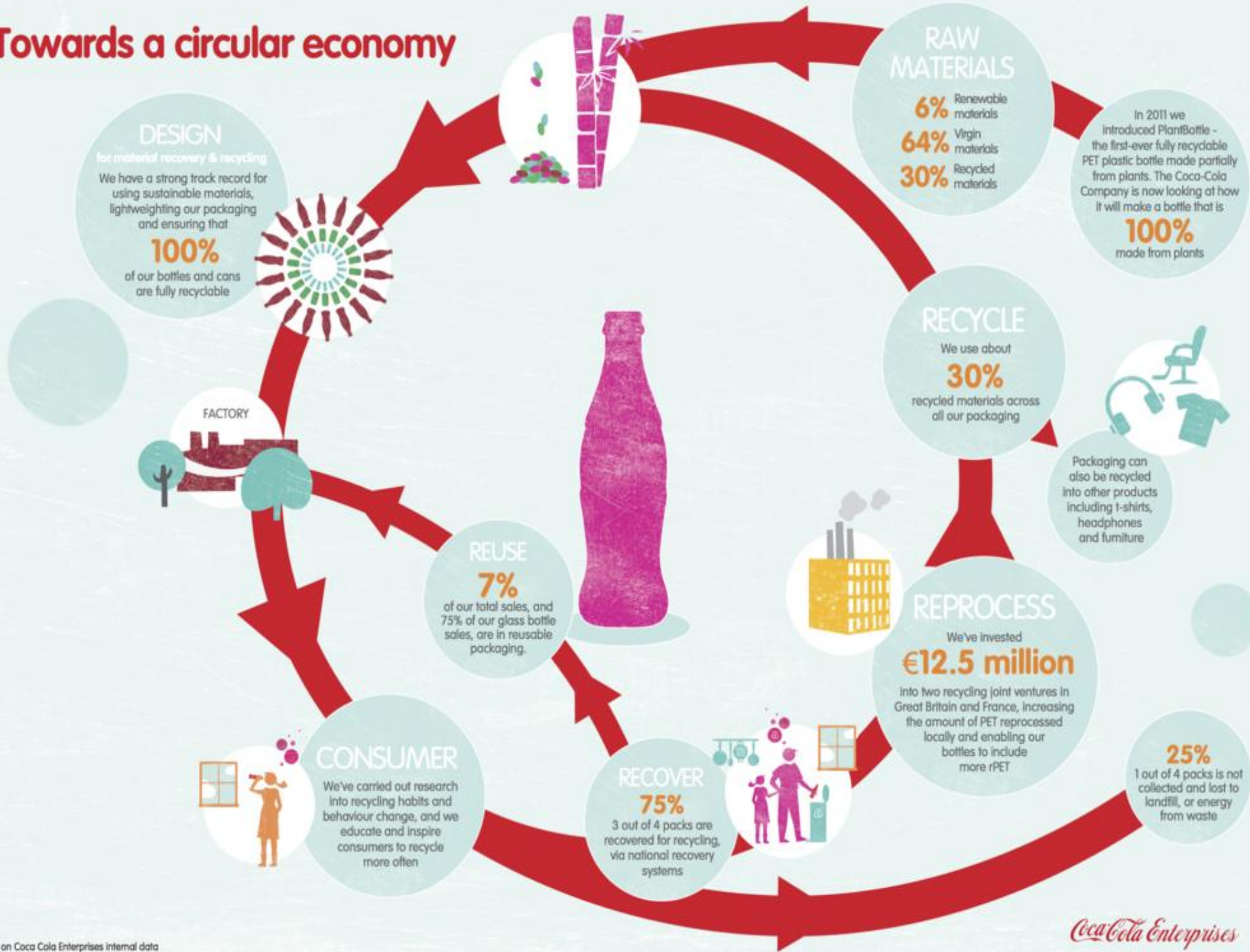


Case study: Cotton Wool



- What is it made from?
- How is it made? What energy is used to make it?
- How does the cotton wool get to the salon from where it was made?
- How long is it used for?
- What happens to it after it has been used?

Towards a circular economy



Rainforests, Palm Oil and Beauty Products

The top five producing nations are:

- Indonesia
- Malaysia
- Thailand
- Nigeria
- Colombia



Malaysia and Indonesia produce 85% of global palm oil and globally 4.5 million people earn a living from palm oil.



Some palm oil considerations:

- Sustainably sourced palm oil
- Fair trade hair products
- Organic products without palm oil

<http://www.greenpalm.org/>

Make Your Own

Cucumber- Honey Toner

This recipe is courtesy of www.honey.com National Honey Board



- 1 medium Cucumber, peeled and cut up into pieces
- 2 tsp. Honey

Puree cucumber in a blender. Line a sieve with cheesecloth and set the sieve over a glass bowl or measuring cup. Pour the cucumber puree through the sieve and let it stand for 15 minutes for the juices to drip into the bowl. Pour the clear juice into a clean bottle and add honey.

To use, shake the bottle and saturate a cotton pad with the lotion. Sweep over face, neck and chest morning and night, and let it air dry (about 3 to 4 minutes). Store covered in the refrigerator for up to 1 week. Makes about 1/2 cup.

The Ugly Face of Beauty

Ethical Concerns

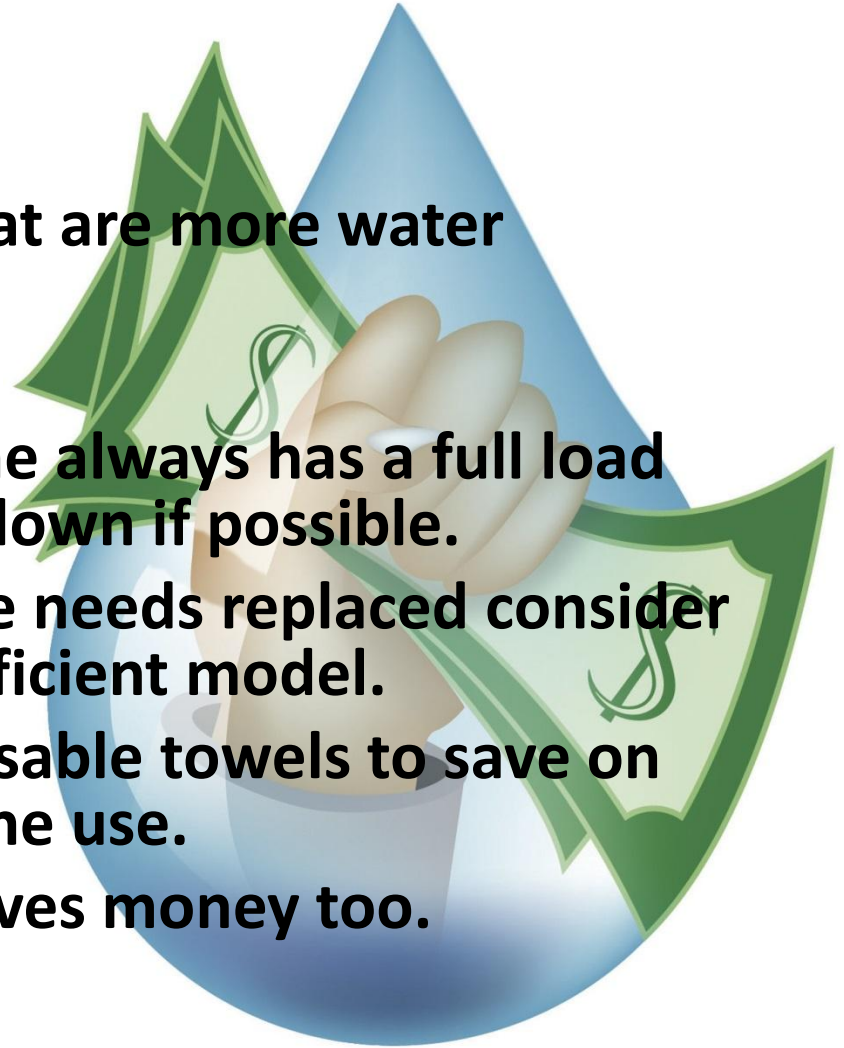


Animal Testing



Water Conservation

- **Change the taps to ones that are more water efficient (low flow).**
- **Repair dripping taps.**
- **Ensure the washing machine always has a full load and turn the temperature down if possible.**
- **When the washing machine needs replaced consider replacing it with a water efficient model.**
- **Consider changing to disposable towels to save on water from washing machine use.**
- **Remember saving water saves money too.**



Sustainable Fashion

Brainstorming sustainable fashion ideas:

Think:

- Environment
- Society
- Economy

Some ideas to start:

- Fairtrade
- Recycling/Up-cycling
- Volunteering



<http://www.youtube.com/v/1Arh3FUijTY?enablejsapi=1&playerapiid=ytplayer&autoplay=1>

Conclusion

- Try to make education for sustainable development subject specific wherever possible
- As important as any other core skill including employability, but also link core skills with sustainability learning and teaching
- Link to teaching practices already being taught
- Extra curricula activities should not be overlooked as they reinforce the message
- Research required to determine best approaches

Contact Details

Elaine Crawford

Sustainable Development Adviser,
Dumfries and Galloway College



Tel: 01387 734132

Email: crawforde@dumgal.ac.uk