USING AGRICULTURAL FIBRES FOR SUSTAINABLE PACKAGING

Recycled paper is used as packaging in a number of applications. If paper fibre can be used why not other fibres? Add value to waste materials such as straw?









Green

issues

MAKE MONE

Economic

- How to make it and does it work?
- Must be as good as or better than rivals
 - Is it financially viable? Is it competitive?
 - Do consumers want it?
- How "green" is it? Is it renewable or can it be recycled or composted?
- LCA

Our approach

Modify existing technology (and culture) to suit the alternative raw materials.

Consultation with end users so that the product suits the market.

Full life cycle analysis used for guidance during development of product.



Challenges and Barriers

Different regulations and requirement for equipment

Completely different cost bases, materials, energy sources, labour, experience



Opportunities and Benefits In the Indian context, a common language and 'western heritage'

Readily open to adoption of best technology (little installed legacy issues)

Willingly to be first adopters of novel technologies

Hugely expanding market

Lesson learnt!!

Face to face Engagement counts

Foster local contacts in Industry and Government

Research GLOBAL markets and LOCAL supply chains

