



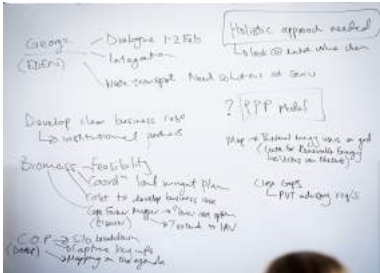
Mapping of waste value chains for the Construction & Film industries

TOMA
NOW

Presented by Dr. Jaisheila Rajput
TOMA-Now | Tomorrow Matters Now
Sustainability Week Vision Zero Waste | 7 June 2018



Research & data collection



Market Research



Industry Experts

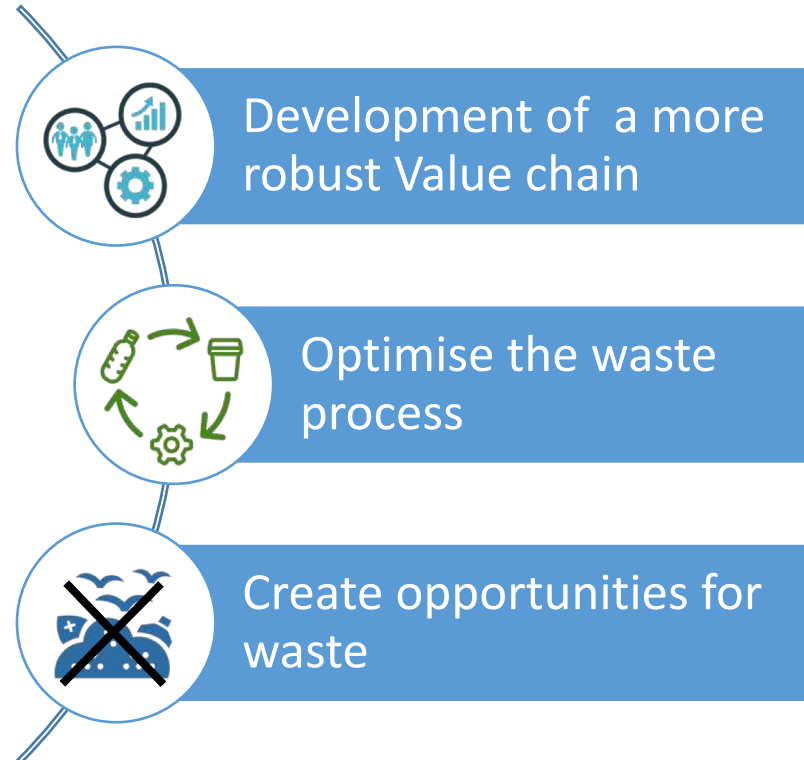


Interviews



Data capturing

Workshop facilitation



Construction Industry Value Chain



Construction
Waste skips

Waste landfill won't accept

Rubble

Clean (separate): Roads, backfill

Crusher capacity constraint

Too fine

Recyclables

Contractor
maintained

Rebate slip

Safe disposal
certificate

Timber

Reuse framing

Upcycling

Organics

No recycling action

Prevent contamination

Hazardous

Construction Industry waste management

ISSUES WITH HANDLING WASTE

INFRASTRUCTURE
ACCESSIBILITY

WORKING IN
SILOS

WASTE TARGETS

COSTS

NON
RECYCLABLES

MIXED
MATERIALS

RE-USE SUPPLY
CHAIN

PRACTICALITY &
ENFORCEMENT

PAIN POINTS FOR RE-USE

EDUCATION

PUBLIC
PERCEPTION

CONSUMER
TRENDS

MATERIAL SPECS
FOR RE-USE

WASTE LICENSING

ILLEGAL
DUMPING

BAD DESIGN

TIME
CONSTRAINTS

OPPORTUNITIES FROM WASTE

INDUSTRY BEST
PRACTICE

ALTERNATIVE
MATERIALS

CREATE
AWARENESS

WASTE DAY ZERO

WASTE MARKET

GOVERNMENT &
INDUSTRY

SHORTER
TRANSPORT

WASTE SALES
PLATFORM

Film Industry Value Chain



Production
Company

Food waste

Re-useable

Recycle

Upcycle

Single use

Catering

Sign boards

Timber, super wood, pine

Props

Film Industry waste management

ISSUES WITH HANDLING WASTE

**COSTS: LANDFILL
VS RECYCLING**

LACK OF SKILLS

**PERCEPTION ON
WASTE VALUE**

**ACCESSIBILITY
FOR RE-USE**

**ACCESS TO
EXPERTISE**

**WASTE DATA
VALIDATION**

**LACK OF
ENGAGEMENT**

COMPLEXITY

PAIN POINTS FOR RE-USE

**AFTER HOURS
ACCESS**

KNOWLEDGE

**PRACTICALITY:
SET BREAKDOWN**

TRANSPARENCY

**WASTE DISPOSAL
BUDGET**

**IWMP: COSTLY &
TIME INTENSIVE**

**SAFETY &
SECURITY: RE-USE**

**DIFFERING
AGENDAS**

OPPORTUNITIES FROM WASTE

**ACCESSIBLE
WASTE DEPOS**

**CREATE ACCESS
FOR RE-USE**

**GREEN POINT
RECOGNITION**

DATA COLLECTION

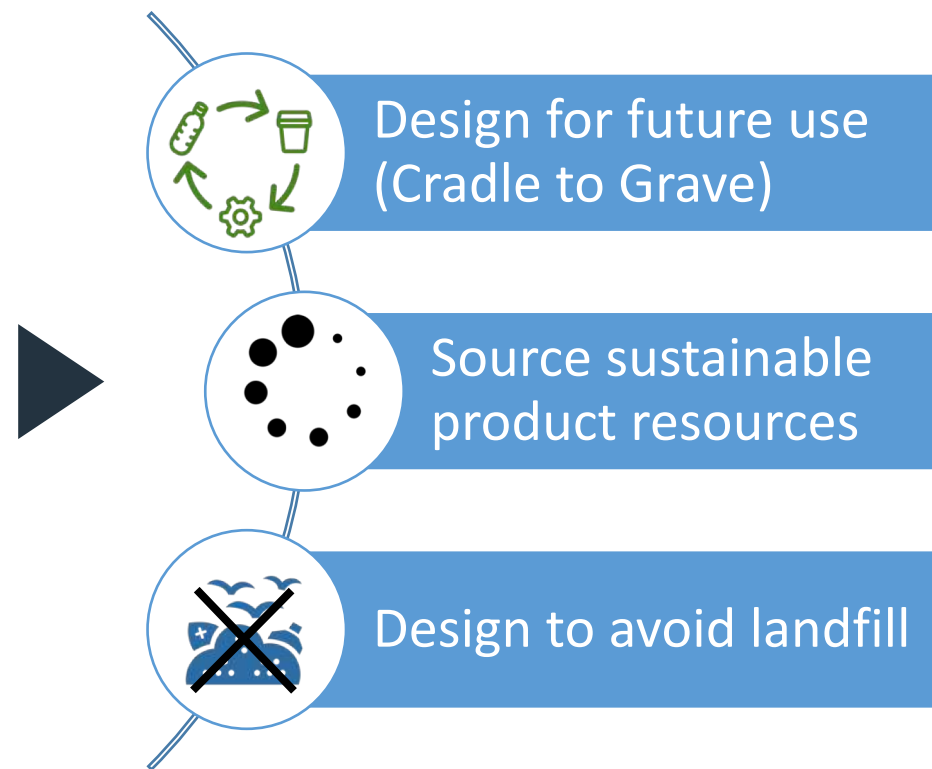
**GOVERNMENT
INCENTIVES**

**DESIGN & POLICY
DEVELOPMENT**

**KNOWLEDGE
SHARING**

**LINK GENERATOR
TO USER**

Waste management doesn't have to end at either landfill or recycling



Unlocking Green.Business.Value



Research, Analyse,
Strategise



Stakeholder
Engagement



Map & Develop
Value Chain



Measure
and Monitor



Tangible
Business Impact

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