

SOIL TO SOIL

Growing our clothing in the Grasslands of
the Canadian Prairies

Lecture by Anna Hunter



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140 acres in Eastern Manitoba
Shetland Sheep

2018 Opened up a wool processing
mill



Why Textile Agriculture



Where are your clothes made?

What are your clothes made from?

Natural or Synthetic Fibres?



Which carbon pool provides your clothing?





Textile History

Rooted in the Soil



Fossil Carbon Clothing



80

Billion

Garments sold in 2021

\$1.3

Trillion

textile industry

employs 300 million people

70%

Fossil Based Clothes

dyed with synthetic dyes

sourced from fossil carbon

350

Barrels of Oil

polyester consumes nearly 350

million barrels of oil

282

KG of CO₂

Polyester emits 282 kg of

carbon dioxide every year



500 MILLION KG OF WASTE A YEAR

81 lbs / year discarded per person in Canada

Canada Textile Agriculture

What is the current state of wool and textile production in Canada?

- 3 large mills (processing raw wool)
- approx 30 small mills processing raw wool
- prototype infrastructure for processing flax to linen

We are in a catch 22 with our wool producers.

Canadian WOOL

FACTS & STATS



1,000,000+



3 million



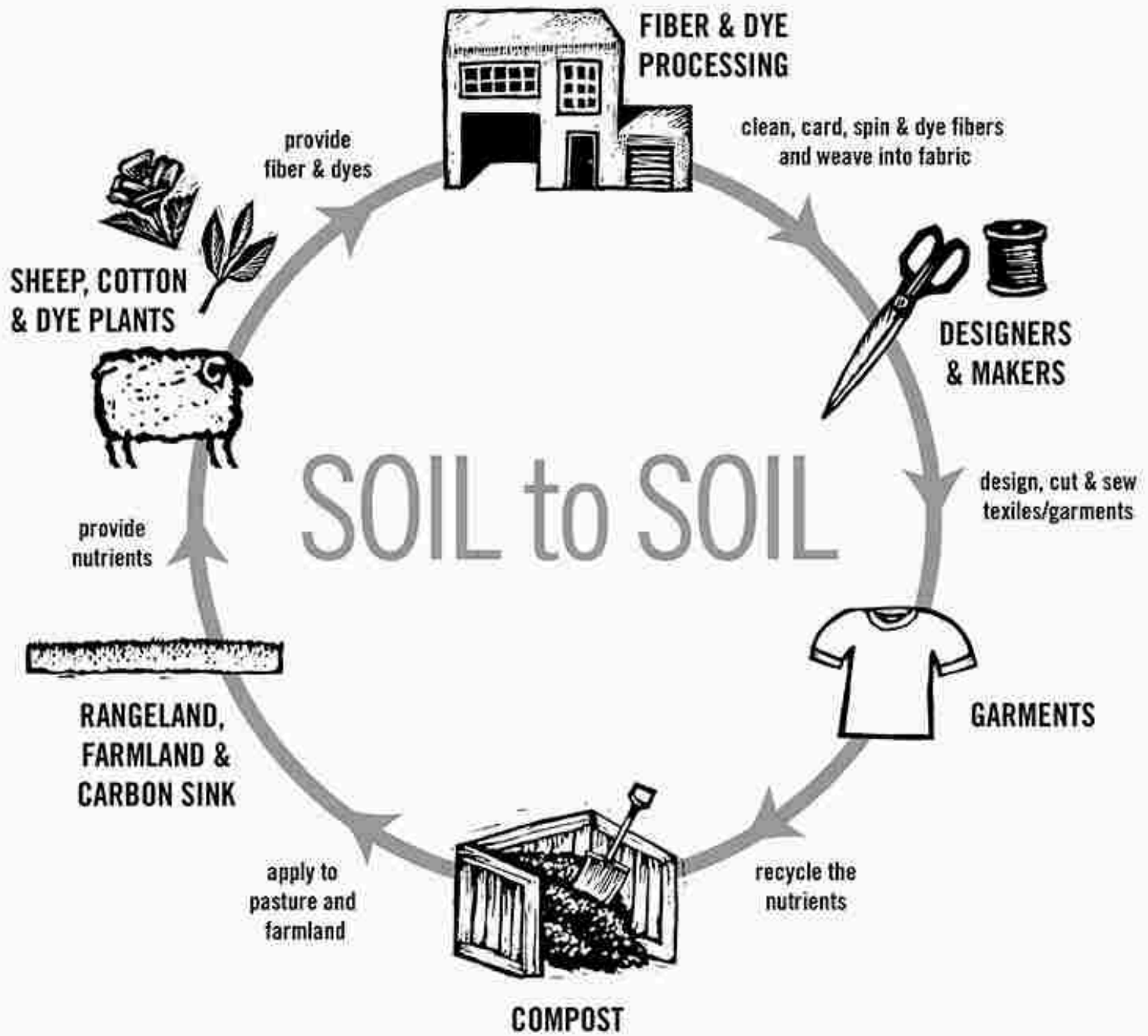
PRODUCED ANNUALLY



90%
of this WOOL
is shipped
to *China*
and *India* for production



40% is *coarse*
WOOL used
for *manufacturing*
furniture
and *carpets*



What is Preventing us from Moving to Soil to Soil?



Consumption

Scale down on the unnecessary Production of fast fashion



Synthetics

move from oil to soil



Lack of Infrastructure

Loss of all infrastructure and knowledge to process textiles

What Can You Do?



01

Connect to your local Fibreshed

www.canadianfibreshed.org

02

Mend & Repair

MAke your clothes last longer

03

Source Locally

Purchase things that you can source

04

Support New Infrastructure

Help build up local textile systems

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THANKS

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