

Interface

Product Redesign

October 2012

Design with
Purpose

Who is Interface?

The inventor of carpet tiles

\$ 1 billion USD

3500 employees

6 factories globally

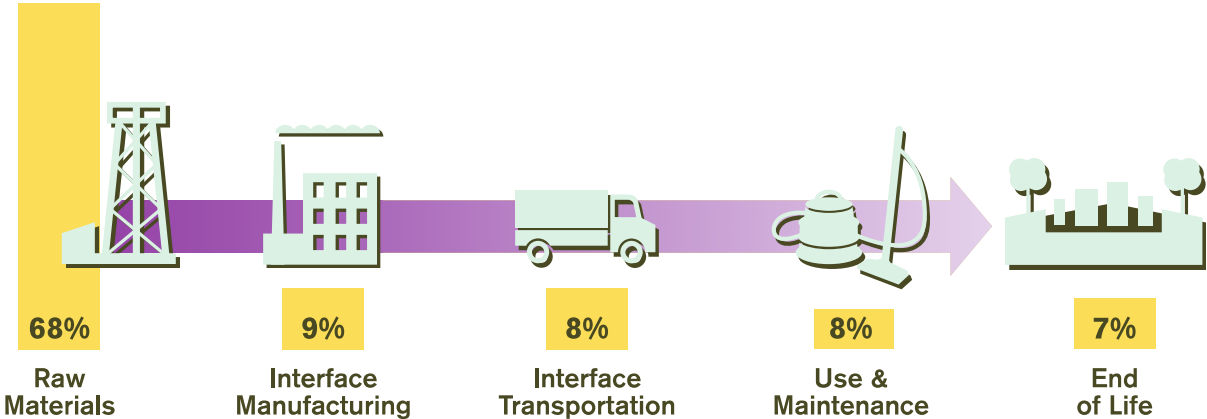
47 showrooms

40 languages



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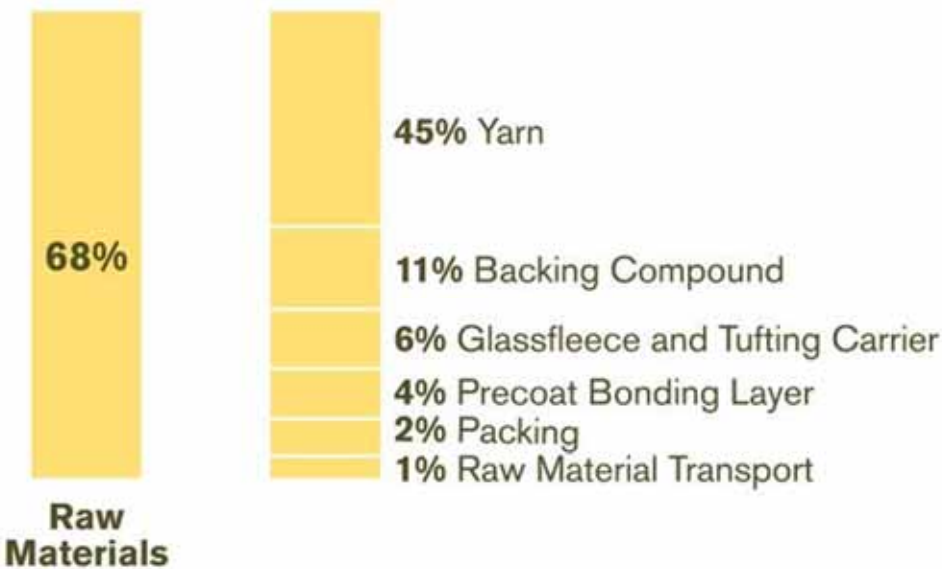
Life Cycle Analysis



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Life Cycle Analysis



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Addressing the big issue

What can we do
to zero out the
impact of yarn?



Reduce the
amount of
yarn used

Use more
recycled
yarn in the
composition

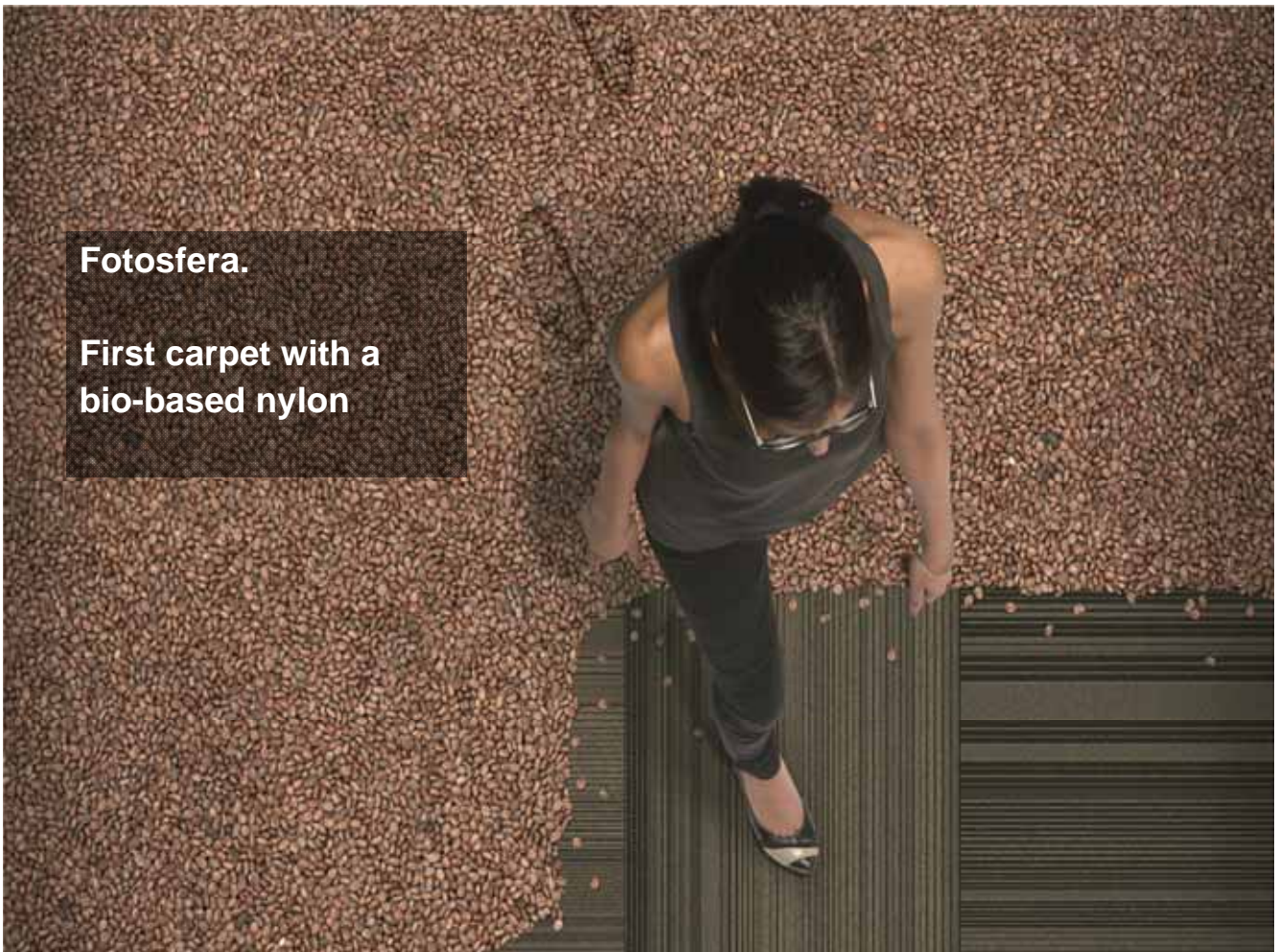
Invent a
new yarn

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Fotosfera.

**First carpet with a
bio-based nylon**



Socio-economic benefits for rural farmers

7

- Castor fields can fetch revenue over 10 times its input cost
- They can provide farmers with additional income, because they can thrive on land unsuitable for other uses
- Castor bean plants can help stabilise the soil and fight erosion



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Castor bean plants Thriving under the hot sun

8

- Castor bean plants grow in hot dry climates
- The plants are rapidly renewable and grow in 4 months
- They can grow in marginal land and do not compete with food crops
- They need water only once every 20-25 days



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Microtuft Products

Less is more
50% less yarn

350g of yarn vs 700g



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Microtuft are high growth products

13.2% of total
EMEAI sales
in 2011 are
Microtuft products

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100% recycled yarn



Over 140 colourways with 100% recycled yarn

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Biosfera Micro

Biosfera Micro.
Superflat
350g yarn
100% recycled yarn

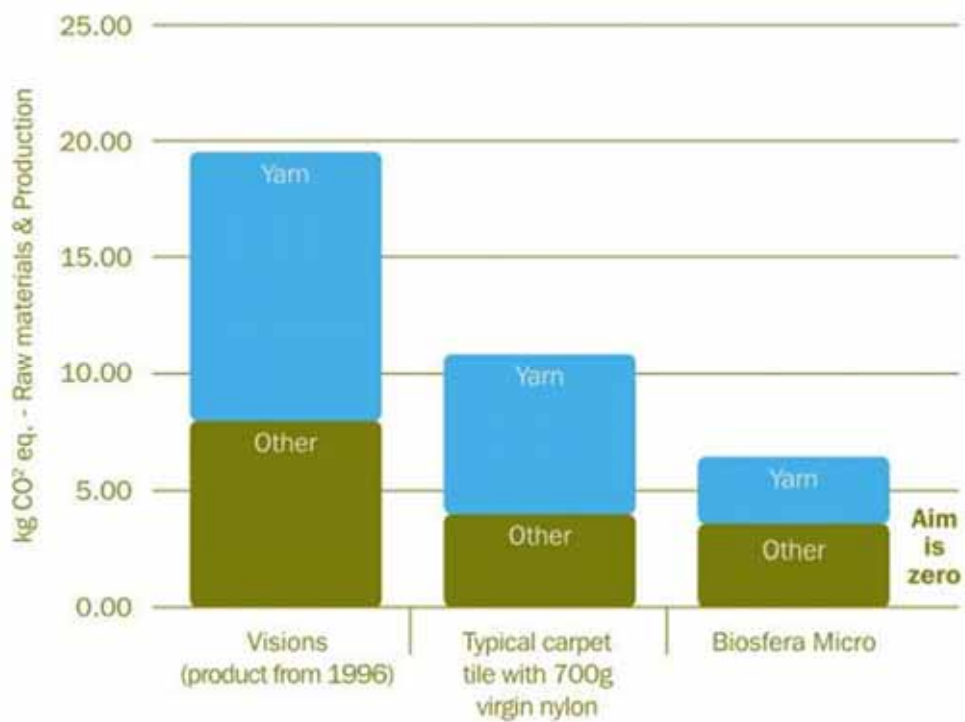
1st carpet with 100%
recycled nylon



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Zeroing out the biggest impacts of a carpet tile



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Today marketing is based on 100% somethings



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Zero Secrets, Full transparency: EPD for all products

Environmental Data Sheet - Biosfera Bouclé		Interface®	
Construction			
Yarn system	100% BCF Solution Dyed PA 6		
Backing system	Graphlex®		
Recycled Content (average)	TOTAL	(Pre-consumer recycled material)	(Post-consumer recycled material)
Overall Recycled Content	71.4%	67.6%	3.8%
Yarn Recycled Content	100%	70.0%	30%
Recycled content can be subject to differences between colours. See details for individual colours on next page.			
Carbon Footprint			
Estimated full life-cycle carbon footprint (using standardised method developed by GUT)	Raw materials and Production:	6.0 kg CO ₂ eq./m ²	
	Delivery and installation:	0.5 kg CO ₂ eq./m ²	
	Use (1 year):	0.2 kg CO ₂ eq./m ²	
	End of life (waste to energy):	4.4 kg CO ₂ eq./m ²	
	TOTAL (10 years' lifetime):	12.9 kg CO₂ eq./m²	
CO ₂ compensation	Carbon neutral Cool Carpet® is Standard		

Carbon information and recycled content at detailed level is provided for our customers

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