

BISFA & Transparency

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1928 ... a pioneering year

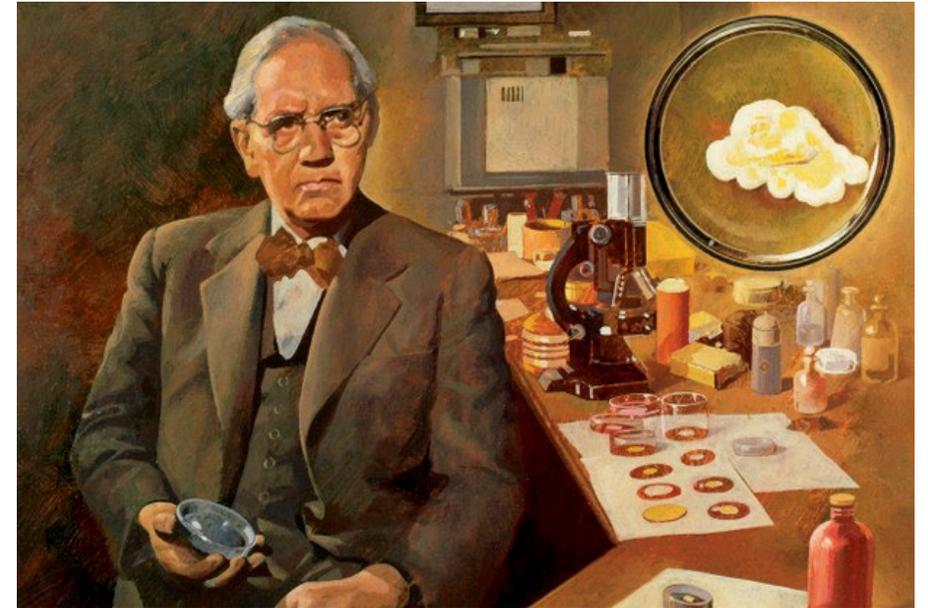
**Mickey Mouse
was born**



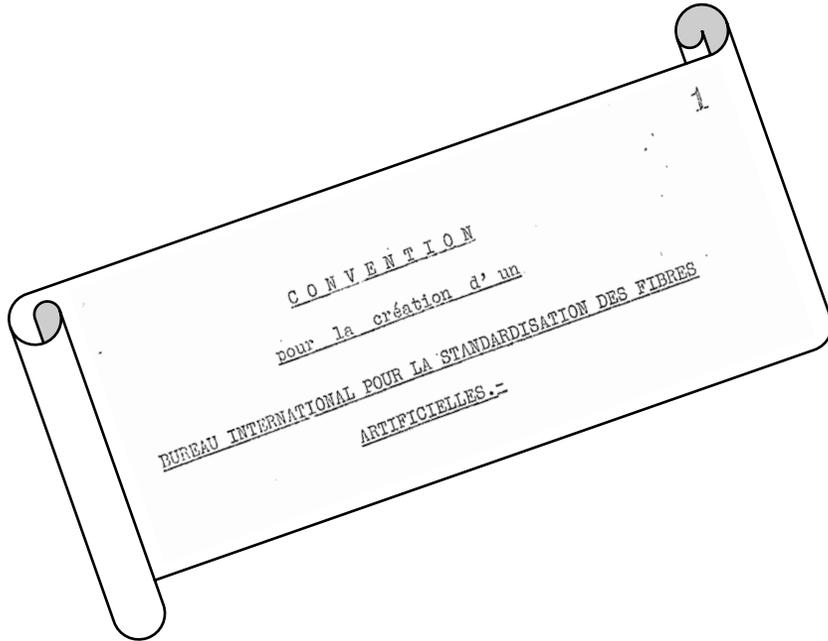
**Amelia Earhart
becomes the first woman
to fly across the Atlantic**



Alexander Fleming discovered Penicillin



Picture: [History extra](#)



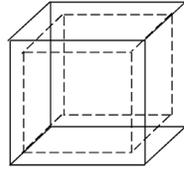
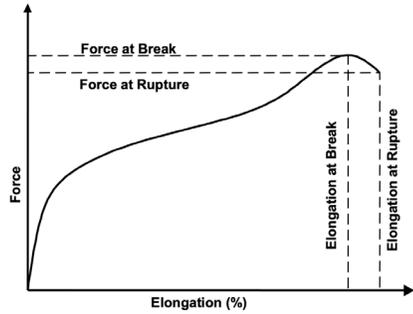
Bureau International pour la Standardisation des Fibres Artificielles (BISFA)

is an
International Association
of
Man-made fibre Producers

Signees have all been **Viscose** producers:

- [Comptoir des Textiles Artificiels , F](#)
- [N.V. Nederlandsche Kunstzijdefabriek “ENKA”, NL](#)
- [Vereinigte Glanzstoff-Fabriken AG, DE](#)
 - Lustre Fibres Limited, F
 - [Snia Viscose, I](#)
- [Societe de la Viscose Suisse, CH](#)

Defining Standards as Key initial purpose



$$C_{pk} = \min \left(\frac{USL - \bar{x}}{3\sigma_c}, \frac{\bar{x} - LSL}{3\sigma_c} \right)$$

$$D = \frac{\sum C_i - \sum M_i}{\sum M_i} \times 100\%$$

$$C(\%) = t \frac{V(\%)}{\sqrt{n}}$$

$$f_i = \frac{a_i}{b_i} \cdot \frac{100 + R_c}{100}$$

- Fiber definitions
- Test methods
- Technical Rules
- Terms of delivery

- BISFA = Liaison member:
- Textiles / Fibers
 - Test methods
 - Generic terms

Natural Fibres ... by origin



Vegetable



Animal



Mineral



Seeds

Cotton
Akund
Kapok



Bast

Hemp
Broom
Jute
Flax
Ramie
Sunn
Bluish Dogba
Nettle
Bamboo
Castor



Leaf

Abaca
Alfa
Aloe
Fique
Henequen
Maguey
Phormium
Sisal
Tampico
Palma
Pineapple
Pita
Peat



Fruits

Coir



Silk glands

Silk
Tasar
Muga
Anaphe



Hair follicles

Wool
Alpaca
Angora
Cashmere
Camel
Guanaco
Llama
Mohair
Vicuna
Yak
Cow
Beaver
Deer
Goat
Horse
Horse
Rabbit
Hare
Otter
Nutria
Seal
Muskrat
Reindeer
Mink
Marten
Sable
Weasel
Bear
Ermine
Artic Fox



Molluscs

Byssus



Asbestos

ICS > 01 > 01.040 > 01.040.59

ISO 6938:2012

Textiles — Natural fibres — Generic names and definitions



Natural Polymers

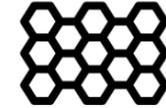
Alginate
Chitin
Chitosan
Cupro
Elastodiene
Lyocell
Modal
Viscose
Protein

Cellulose Fibres definition –
process based



Synthetic Polymers

Acetate
Acrylic
Aramid
Chlorfibre
Elastane
Elastodiene
Elastolefin
Elastomultieste
Fluorofibre
Melamine
Modacrylice
Polyamide
Polybenzoxazole
Polyacrylate
Polyarylate
Polycarabamide
Polyester
Polyphenylenesulphide
Polyethylene
Polyimide
Polylactide
Polypropylene
Triacetate
Trivinyl
Vinylal



Inorganic

Carbon
Ceramic
Glass
Metal

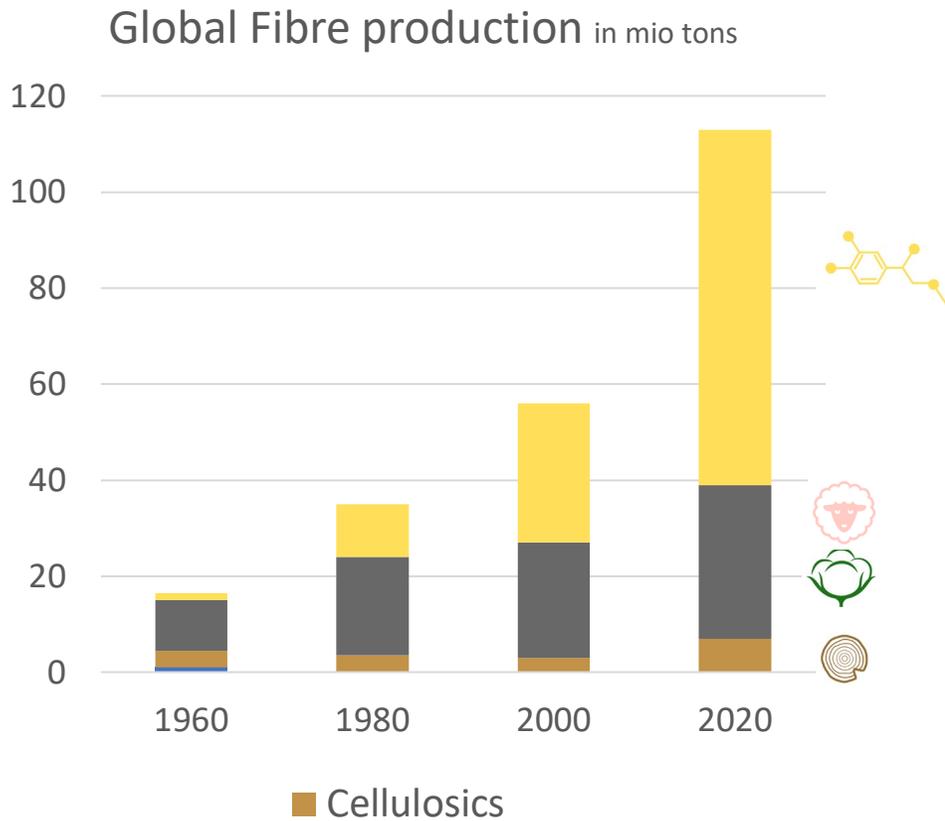
ICS > 01 > 01.040 > 01.040.59

ISO 2076:2021

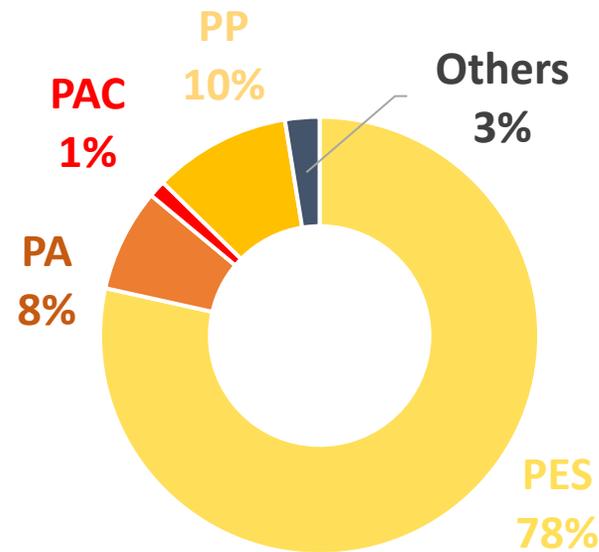
Textiles – Man-made fibres – Generic names

Last 60 years Man-made Fibres - a success story

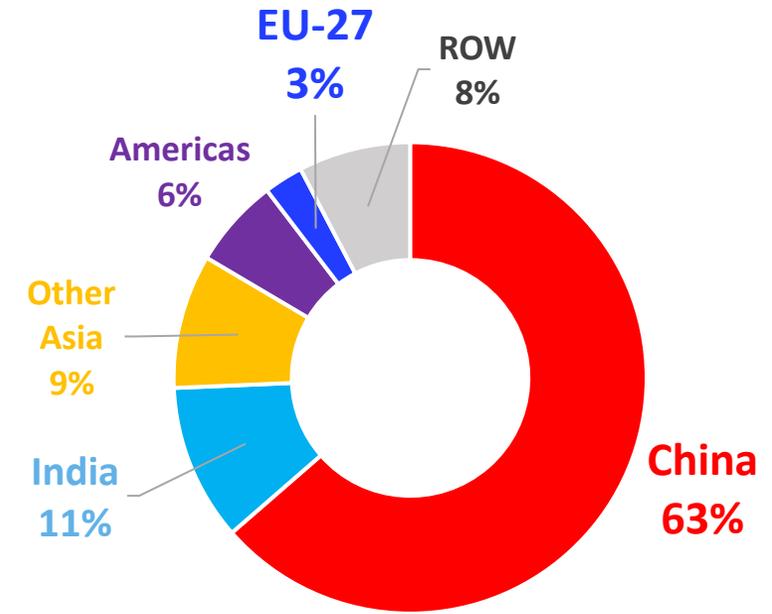
Fibre production doubled every 20 years



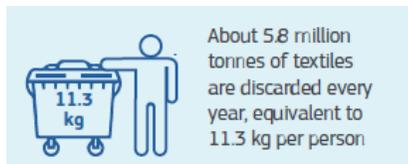
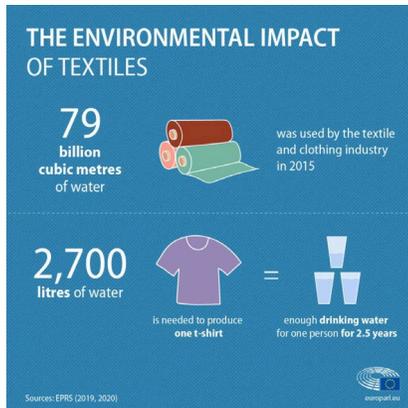
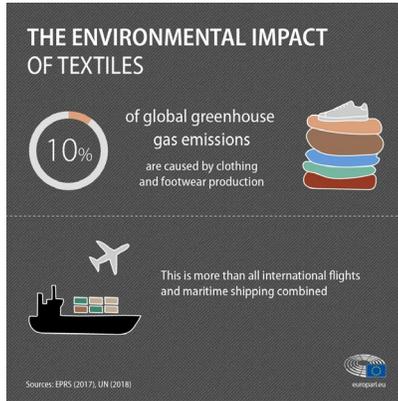
MMF: PES most dominant within Synthetics



MMF: China > 20 x EU-27



Impact to environment apparent



Vision Textile Strategy 2030



“Fast fashion
out of
fashion”



Recyclable



Respect for
Social Rights



High Quality



Competitive



Incineration &
Landfilling
minimized



Long-lived



Free of
hazardous
substances



Respect to the
Environment



Affordable



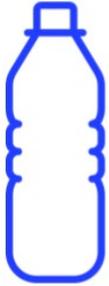
Innovative



- Circular textiles ecosystem
- Repair & reuse
- Fibre-to-fibre

Recycling idea in progress – EU requires review

Bottle 2 Fibre



~ 8 mio to or 15% of **PES** global production



Fibre 2 Fibre



< 1 mio to or 1% of total fibre production

Cotton < 1%

Wool ~6%



Pioneers in MMCF, Polyamide, Polyester

Lack of Trust -> Label inflation

Fibre making transparent ?

Target



OEKO-TEX®
INSPIRING CONFIDENCE



Transparency grading concept for MMF

BISFA



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