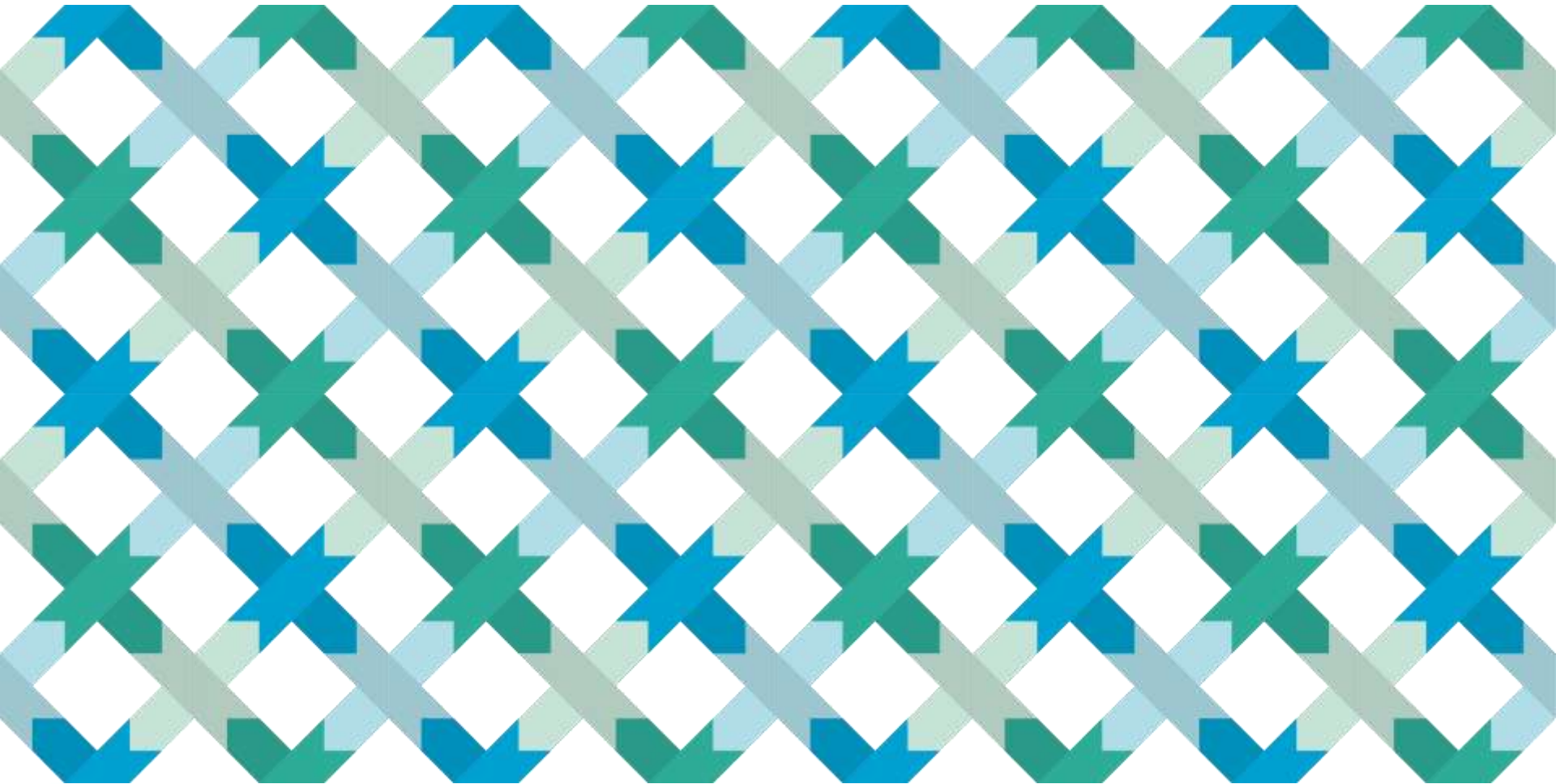


# Wolkat Group

Circular textile recycling



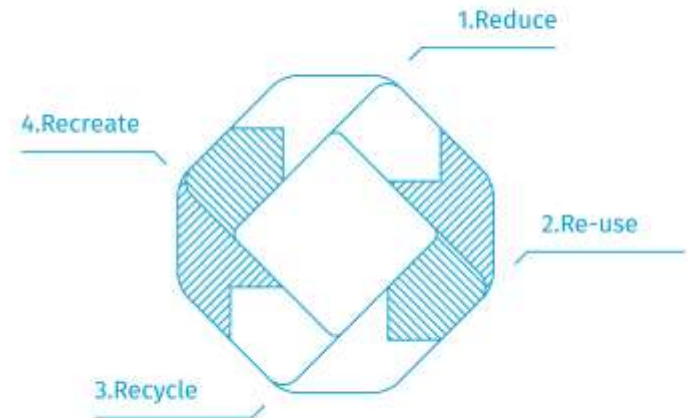
# Wolkat Group – introduction

- Family company founded in 1948 in Tilburg, The Netherlands
- History as trader in old rags, recycled textile fibers
- First established in Tanger, Morocco in 1995
- R&D to closed loop recycling methods started in 2004 - everything in house and no external investors involved.
- Production in Morocco and Belgium. Head office in Tilburg, Netherlands



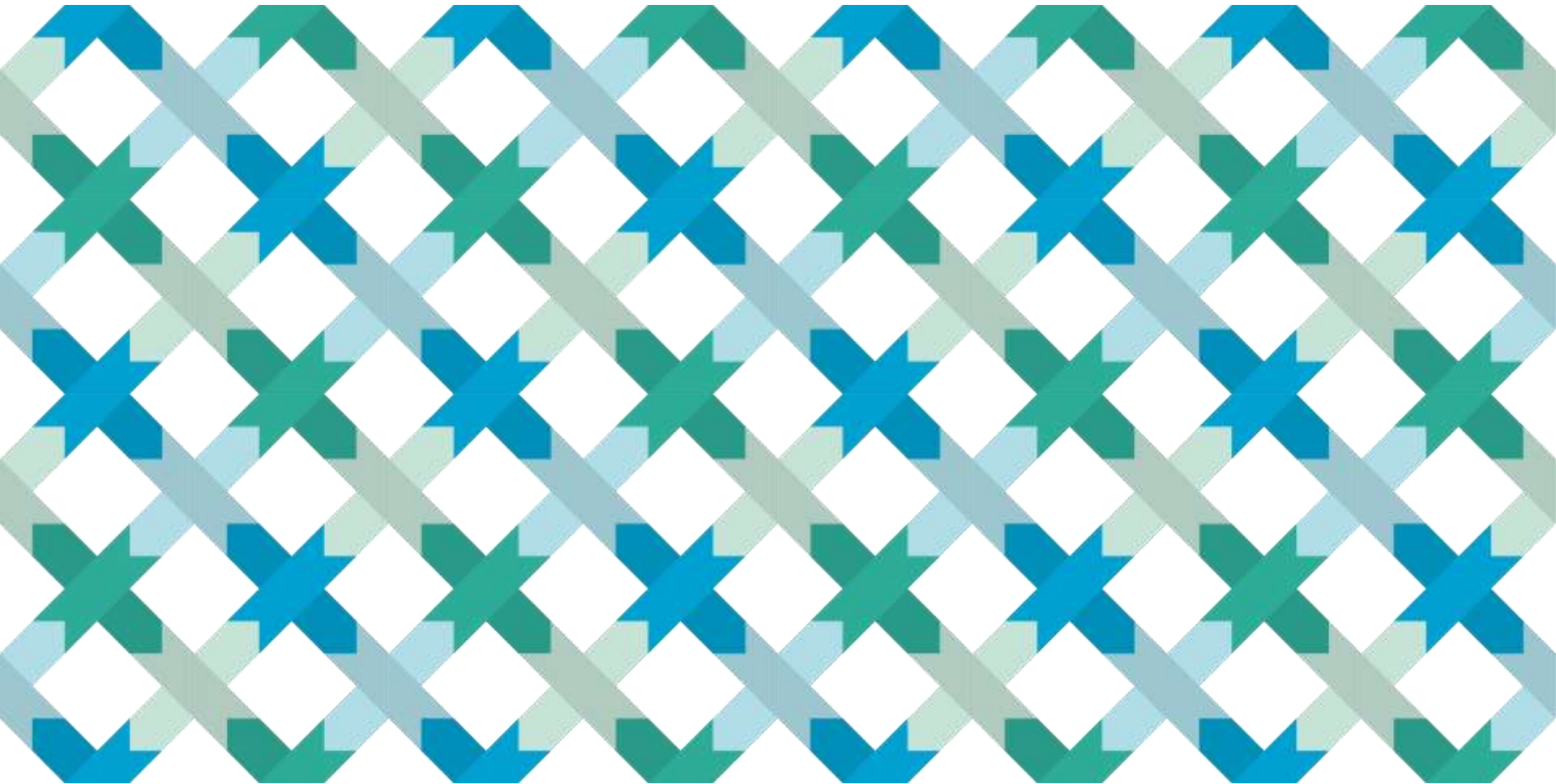
# Vision of Wolkat Group

- A full service (circular) recycling company - from sorting second hand, post-consumer textile to creating recycled end products in a sustainable way, all in one group of companies
- Further research and development on recycling, recycling methods and circular business models
- Innovate with(in) the entire process; recycling, re use and creating the most value possible from discarded textile
- Expand and perfect range of end products



**Waste = Raw Material**

# Company movie



# End products - creating real value

- Woven and knits
  - Clothing/accessories
  - Carpets
  - Blankets
  - Furniture cloth
- Non-woven
  - Isolation materials
  - Mattresses
  - Furniture cloth
- Any custom projects with take back programs for end products



# Projects

- Pilots with several meaningful brands innovating for take back programs & end products
  - Nike
  - Filippa K
  - Ikea
- Finding solutions for SME by offering a range of white label products
- Cooperation with municipalities in The Netherlands
- Fashionshow for Dutch Sustainable Fashion Week in cooperation with local designer No Mode
- Automotive industry - felt productie
- Participating in research Ellen MacArthur Foundation to circular textile recycling

# Highlighted project - 013 Denim

- 013 Denim project launched on Kingsday 2017
  - Jeans collected at local schools
  - Clean, recycle, spin and weave to new cloth
  - Presentation for King & Queen on April 27th
  - 3000 bags en 10.000 handkerchiefs to wave King & Queen goodbye at Kings day final show. Trailer making off cloths
  - Recycled bouquet for Queen Maxima and all princesses
  - Supported and initiated together with local government
  - Cooperation with local bank, schools and artists



# Highlighted project - Re-Use Centre Tallinn

- The possibility to have a dialogue most important reason for cooperation
- Opportunities
  - Get more textile in the (recycling) process instead of land fill
  - Create value from all post consumer textile
  - Activate people by showing tangible results
- Challenges
  - Setting up the cost and logistics correctly
  - Revenues from second hand clothing are necessary
  - Having an open and transparent cooperation
- Vision for future
  - Business model has to change from singular solution to total solution by collaboration
  - Get products back in the market ASAP

# Final notes

- Circular textile recycling is possible if the conditions are right
- Wolkat Group distinguishes oneself with
  - Years of experience and broad know how
  - Everything done within one group of companies in one place
    - Total control of the proces
    - Transparant model
    - Optimal value creation
- Great love and passion for waste as a raw material

# Questions?

