THE VALUE CHAIN OF THE NONWOVENS AND RELATED INDUSTRIES

1. Raw materials
   - Man-made Staple Fibres
   - Man-made Filaments, filament yarns
   - Natural fibres
   - Polymers chips or granule
   - Biopolymers
   - Additives & surface treatment
   - Binders (latex, foam)
   - Adhesives
   - Tissue, papers
   - Waddings suppliers

2. Components & Machinery
   - Film
   - Membrane
   - Medical Film
   - Closure systems, tapes, elastics
   - Scrims and other reinforcement
   - Plastic nets
   - Release Papers (e.g. siliconized)
   - Superabsorbent powders
   - Machinery Nonwovens
   - Machinery Converters
   - Waste handling equipment - production waste
   - Post-consumer waste recycling
   - Manufacturing auxiliary equipment
   - Online monitoring & inspection system
   - Testing equipment and apparatus

3. Nonwovens production
   - Drylaid - Carded
   - Drylaid - High Loft
   - Wetlaid
   - Airlaid
   - Spunlaid
   - SMS/SMMS/...
   - Meltoned
   - Fibrillated or Perforated Film
   - Other Structures

4. Converters
   - Key applications
     - Abrasives
     - Agriculture/Horticulture
     - Automotive
     - Bed and table linen
     - Building
     - Composites/laminates
     - Electric/Electronics
     - Filtration (air & liquid)
     - Floor & beverage
     - Garments
     - Geotextiles
     - & civil engineering

5. End-user & retailers
   - Graphical & printing
   - Homefurnishing
   - Hygiene
   - Interlinings
   - Medical/surgical
   - Packaging
   - Shoe/leather
   - Sorbent products
   - Transportation (excl. automotive)
   - Waddings
   - Wipes

CONSULTANTS & ASSOCIATIONS

RESEARCH & TEST LABS