

Our Motivations

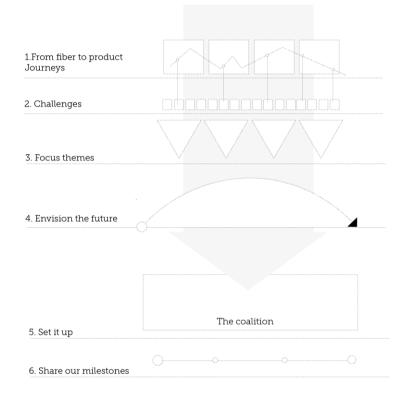
Drivers to establish industry coalition

- "Linear economy" is not sustainable: we (human race) are currently consuming on yearly basis **1.7 times** the amount of resources that the earth can replenish.
- Responsibility needed from design through end of life.
- Transitioning away from fossil feedstock is necessary to have a major impact on carbon/environmental footprint.
- Increasing pressure from legislators:
 - EPR Schemes (circular design for fishing gear, NEN, etc.)
 - Green Deal Framework in Europe
 - 14th China 5-Year Plan
 - Revival in USA
- We cannot do it alone.



The Summit

How to Collaborate?













Coalition Launched!

CirculariTeam®

Goal: Close the loop on Dyneema®, the world's strongest yarnTM

Three pillars: Cordage - Ballistics - Textiles

Focus Themes:

- Reduce/Reuse
- Reverse Logistics, sorting, separating
- Solutions for Recycling
- Design for circularity
- Information Sharing





Milestones Set



 Evaluate non-wovens from postconsumer HMPE rope waste by third party



- Establish end of use rope and net collection point(s) at port(s)
- Defined best practice for rope cover removal
- Education provided to market on recycling possibilities and attention points



- Defined location(s) to send and store post-consumer HMPE waste



CirculariTeam® Coalition

Recycled-based Dyneema®

 Delivered <u>first ever</u> HMPE fiber from recycled mixed plastic waste (mass balance approach)





The Approach

From Design Until End-of-Life

- Sustainable outlet(s) for production waste
- Sustainable outlet(s) for end-of-life waste
- Source of circular feedstock
- Design for Circularity

