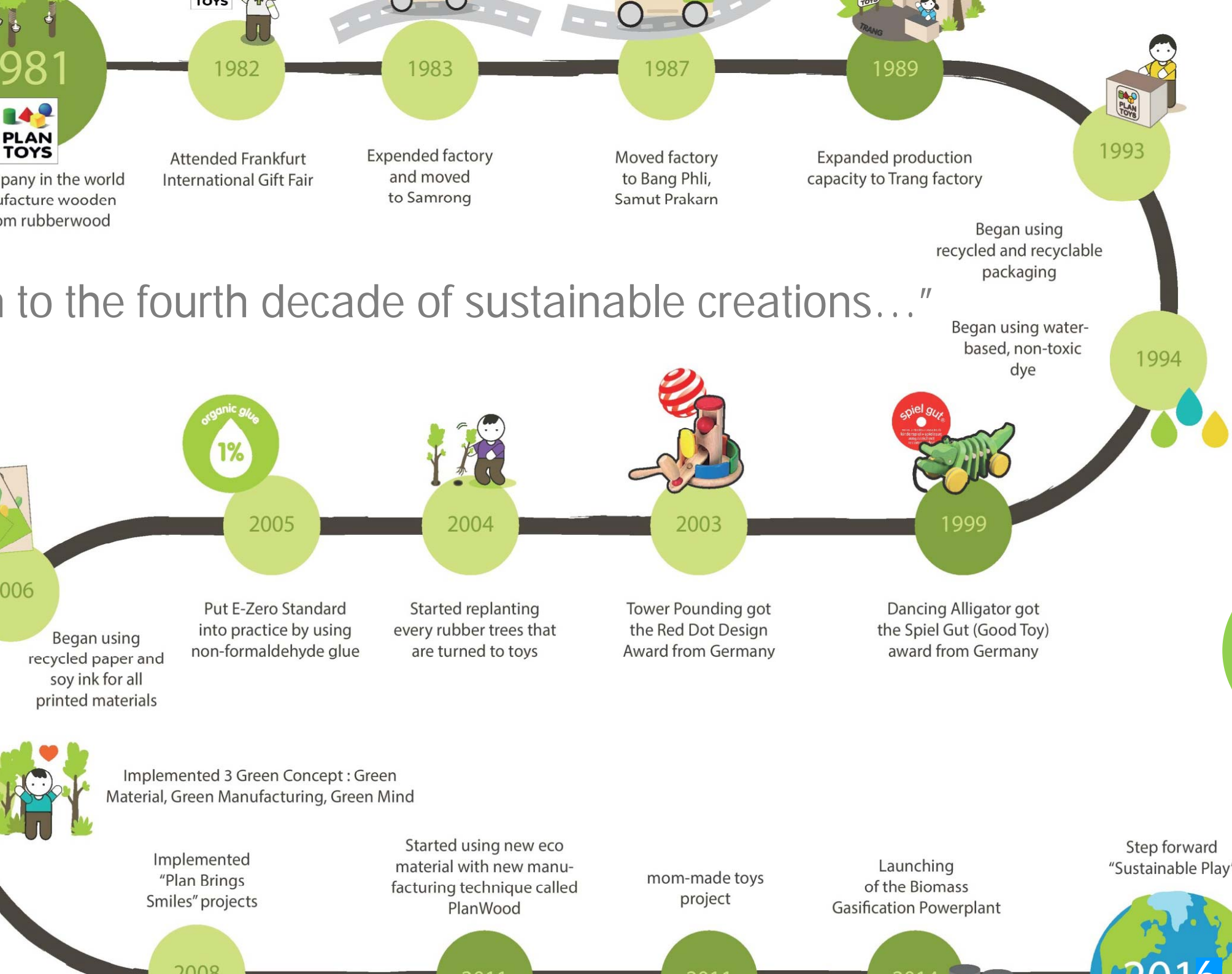




Sustainable **Play**





Sustainable Play  
Europe



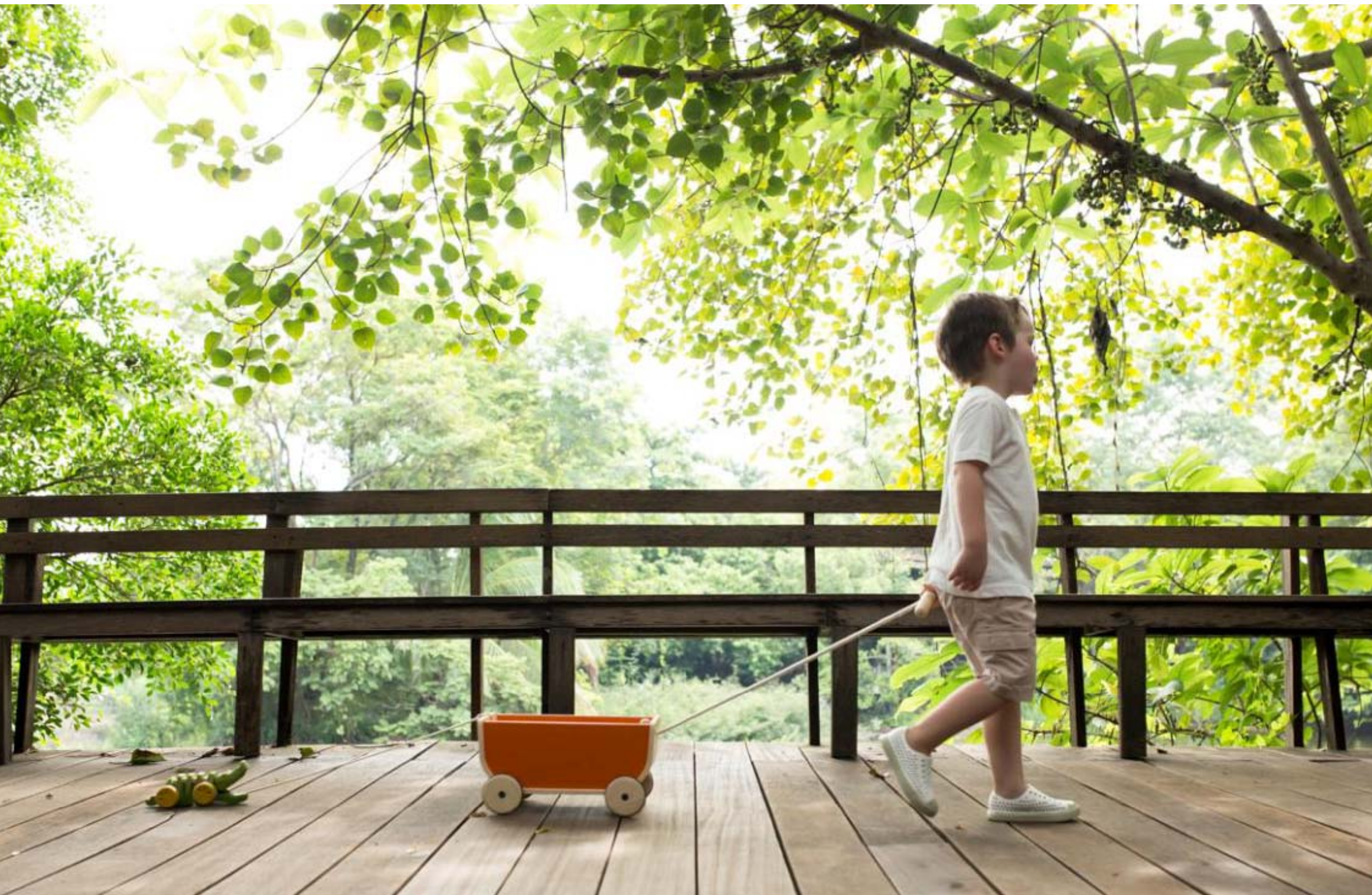
Sustainable Play  
Thailand HQ

Over **800** people, **4** global partners & **1** mind.



# "Better Kids for a Better World"

Sustaina









# Child Development Chart

Sustaina



# Proficiency in Eco-Design and Eco-Efficiency Value Process

“ Cradle to Cradle ”



Economy

" Sustainability "

Social

Environment

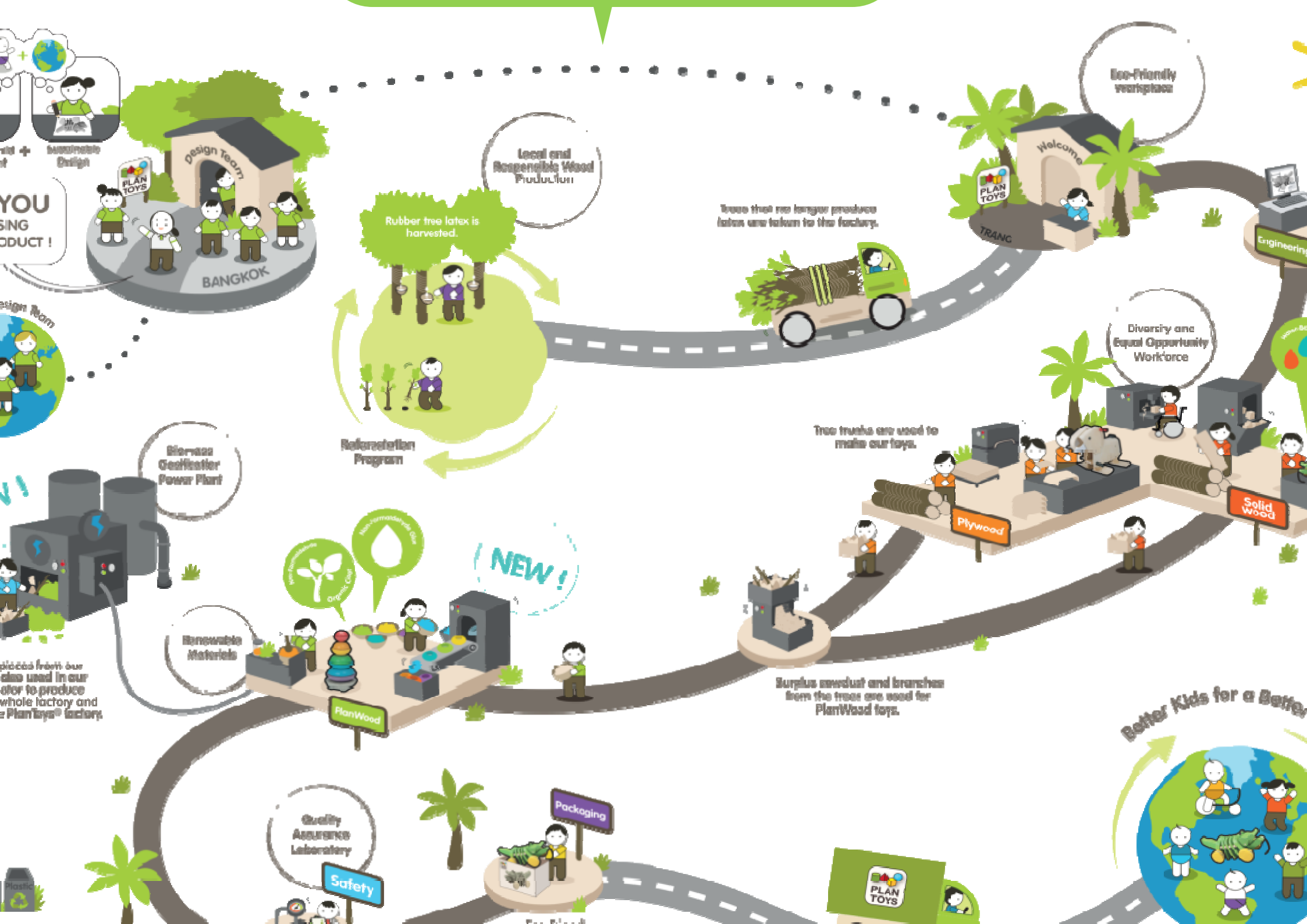




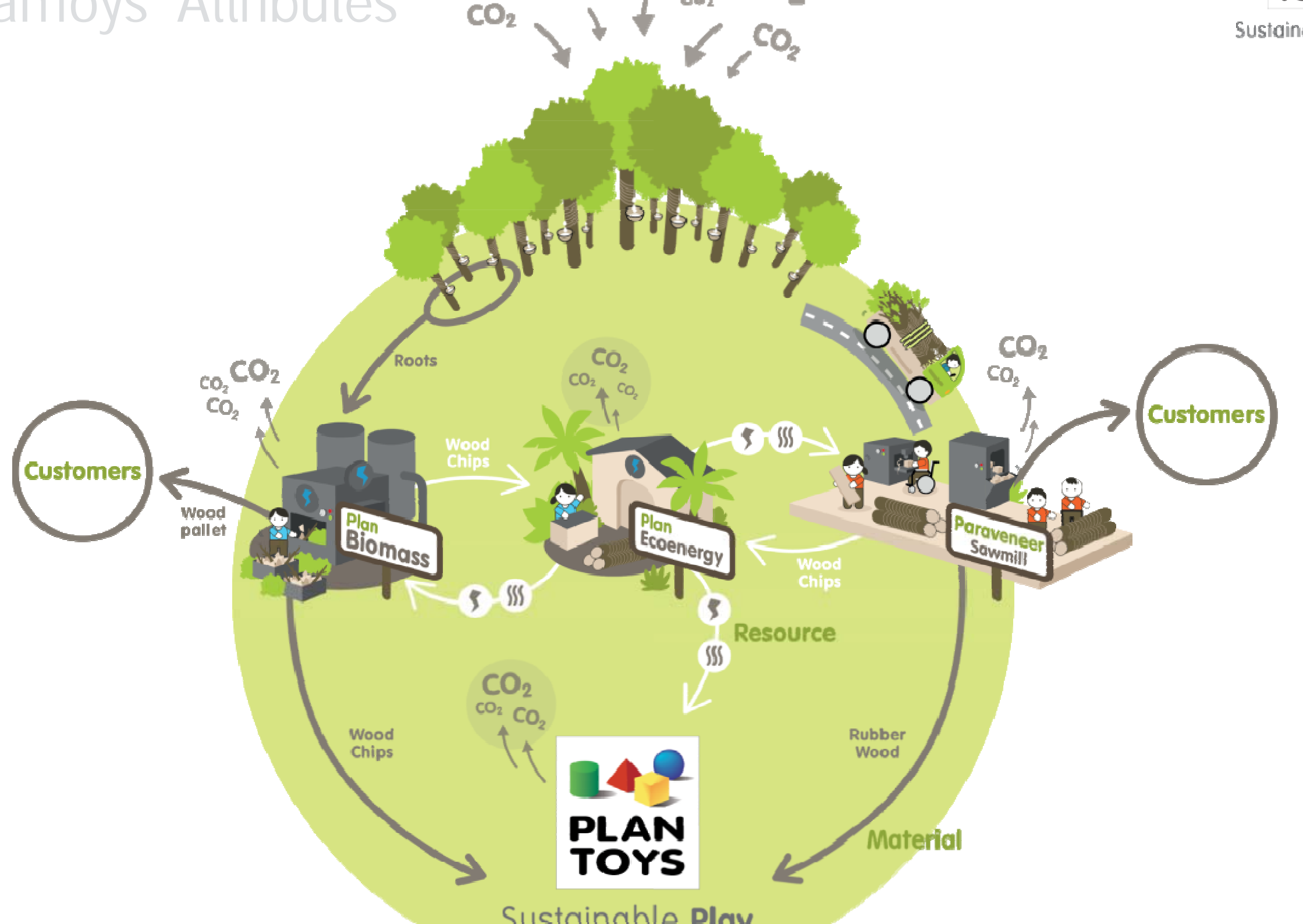
# Sustainable way

Sustainable









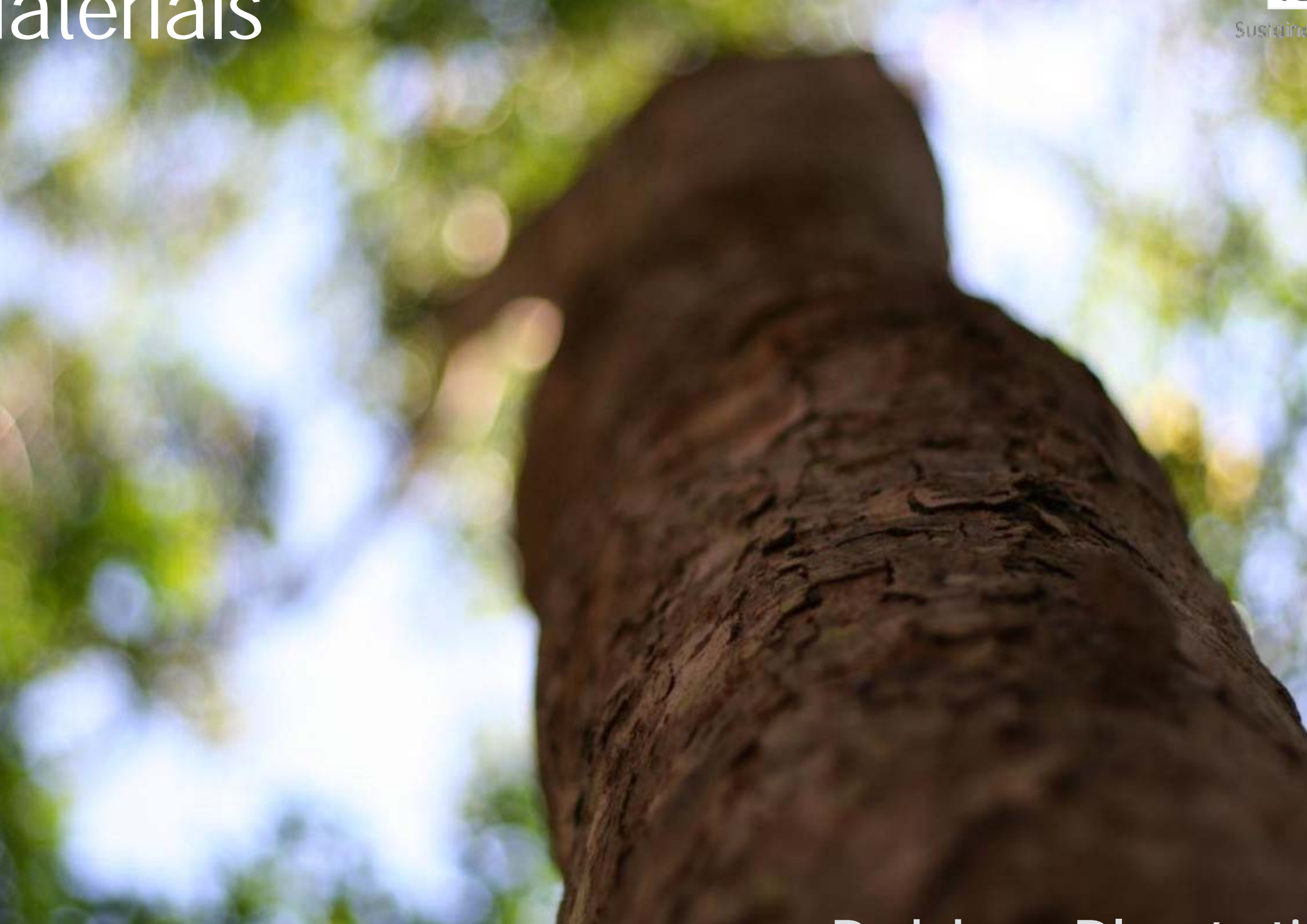
# Materials Manufacturing Minds





# Materials









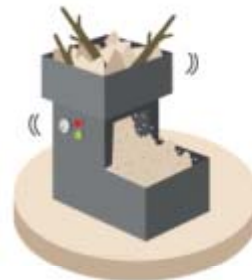
## Rubber Plantation





Rubber Trees

The trunks are used for the Plywood toys and Solid wood toys



The cut offs and branches are used for Planwood toys



Solid wood toys



Laminated Plywood



# Materials



PlanWood



Non-Formaldehyde  
Glue



PlanWood



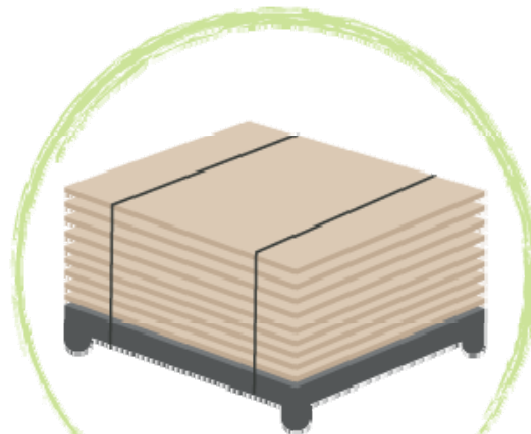


# Sustainable Materials

Sustaina



**Rubber Trees**



**Chemical-Free  
Kiln-Dried**



**PlanWood**



**Organic Color  
Pigment**



**Non-Formaldehyde  
Glue**



**Water-Based  
Dyes**



**Soy Ink and  
Recycled Paper**



# Manufacturing





Eco-friendly

## Dancing Alligator

LCA @ 973 gm/co<sub>2</sub>

3.0 million toys =  
**3,000,000 kg-co<sub>2</sub>/year**



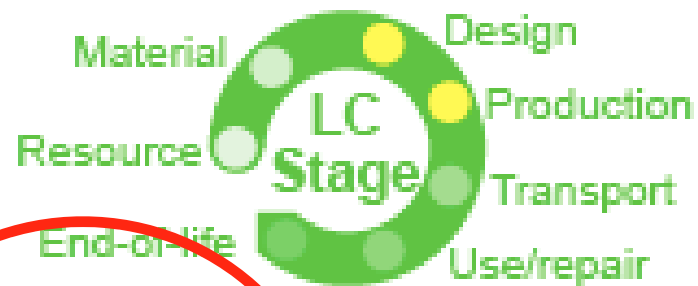
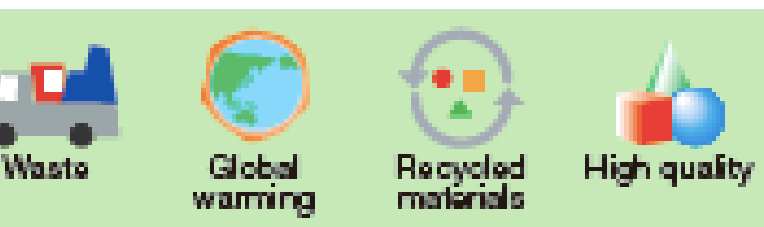
1 Tree absorb  
@300 kg-co<sub>2</sub>/year

10,000 tree =  
**3,000,000 kg-co<sub>2</sub>/year**

**Carbon Neutral Company**







TYPE I

0.973kg-CO<sub>2</sub>

Inspection

Resource/Materials/  
Production/Transfer/Use/End-  
of-Life

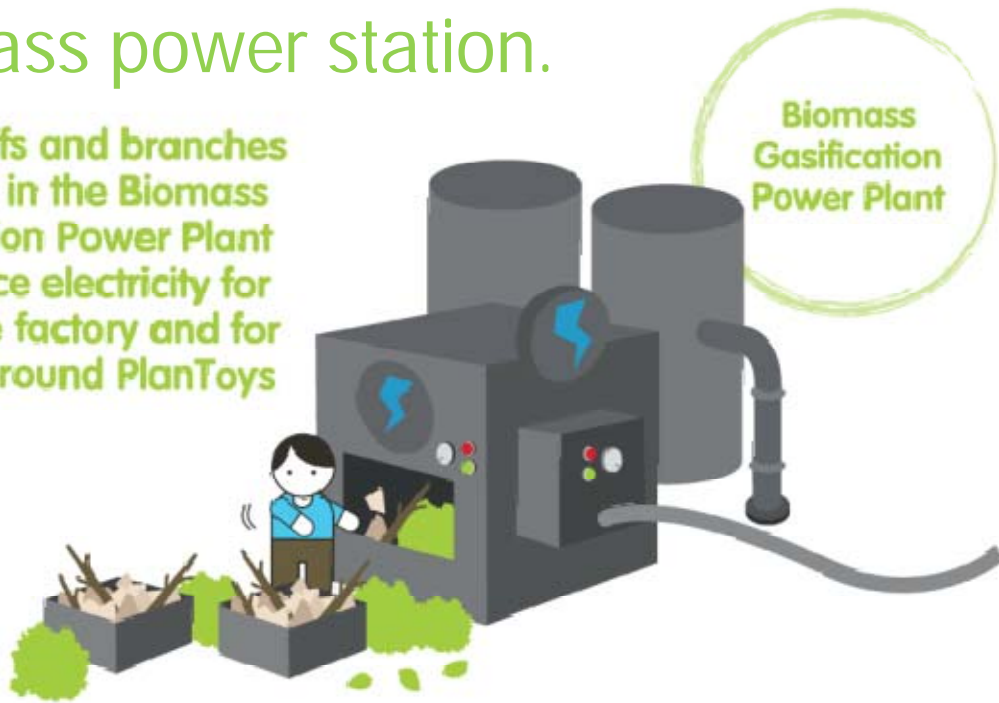
PlanWood  
0.45 kg-co2



biomass power station.

cut offs and branches  
used in the Biomass  
ification Power Plant  
roduce electricity for  
whole factory and for  
ges around PlanToys

Biomass  
Gasification  
Power Plant



# Sustainable Manufacturing



World Class Standard



ASTM

American Society  
of Testing and Material



EN71

European Standard  
EN-71



OHSAS 180

Standard for  
Healthy and safety

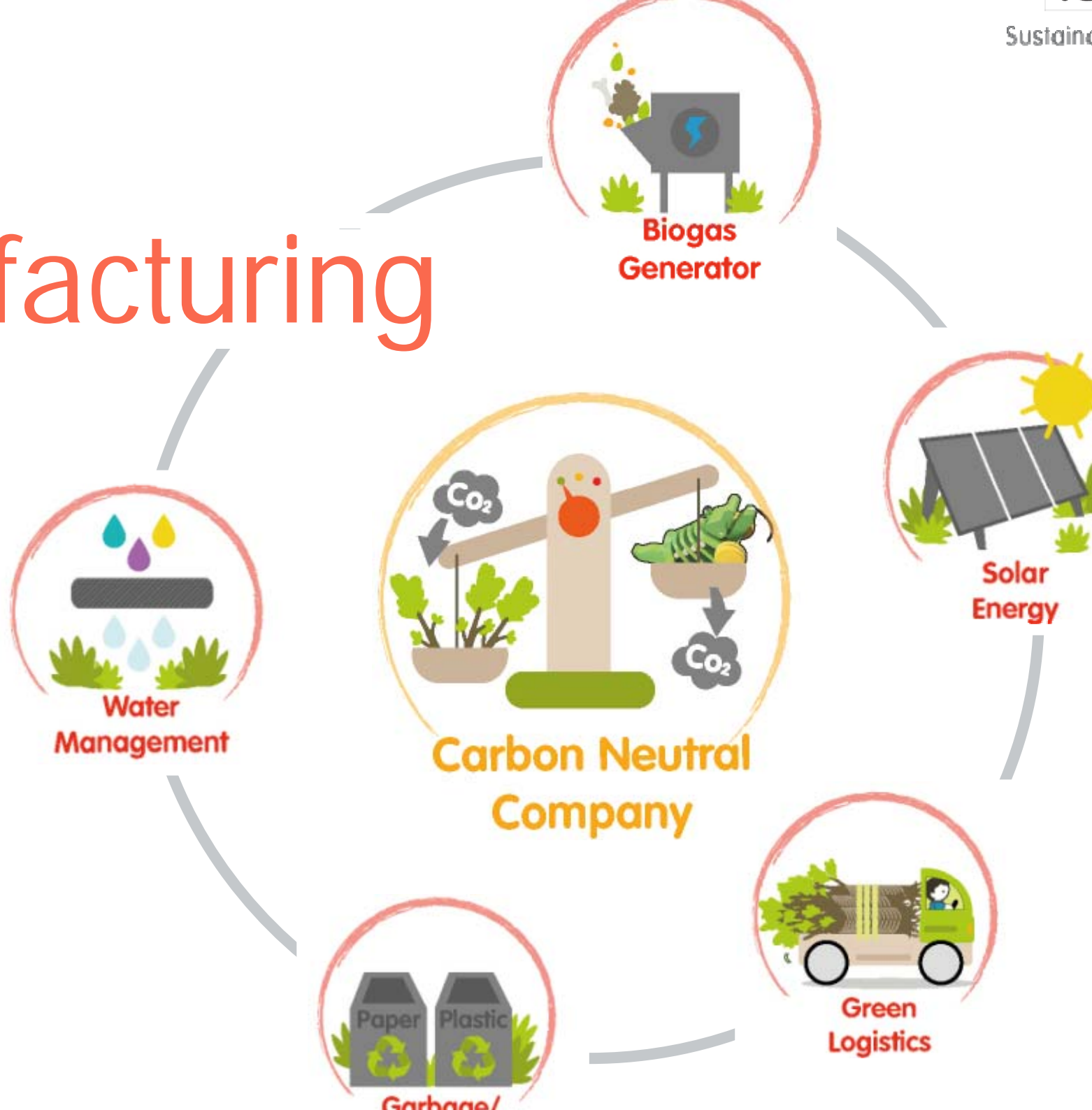


...of material that  
come from a 30 km radius  
around the factory."



Located in the heart of sustainable rubber tree plantations, our factory in Trang, Thailand houses over 800 craftsmen and specialists who work meticulously in every detail of our products.

# Sustainable Manufacturing



# Minds





# Children Museum Children Day









## Mom Made Toys Project







พิพิธภัณฑ์ “แม่”  
อุทยานการเรียนรู้แห่งความรัก



People's library Kids's theatre Museum of Mother



**PlanToys® Children  
Museum**



**Children and  
Community Club**



**Reforestation  
Program**



**Sarnsaeng-Arun  
Culture & Environmental**



**mom-made toys**

# Sustainable Minds



Sustainable Play

ขอบคุณครับ

Thank You

[www.PlanToys.com](http://www.PlanToys.com)