

Re>Pal Pallets: Alignment to the Sustainable Development Goals



Sustainable Development Goals – What are they

- The United Nations adopted the 2030 Agenda for Sustainable Development
- The Agenda has 17 Sustainable Development Goals which are the SDGs
- The SDGs have a total of 169 Targets



The United Nations adopted the 2030 Agenda for Sustainable Development in 2015. This 2030 Agenda for Sustainable Development has 17 Sustainable Development Goals (SDGs).

To help achieve the 17 Goals, there are 169 targets.

Why are SDGs important for business

- The SDGs cover all social and economic development issues
- They provide a framework to guide business on how to be more sustainable
- The SDGs are a common language for communicating sustainability aspirations



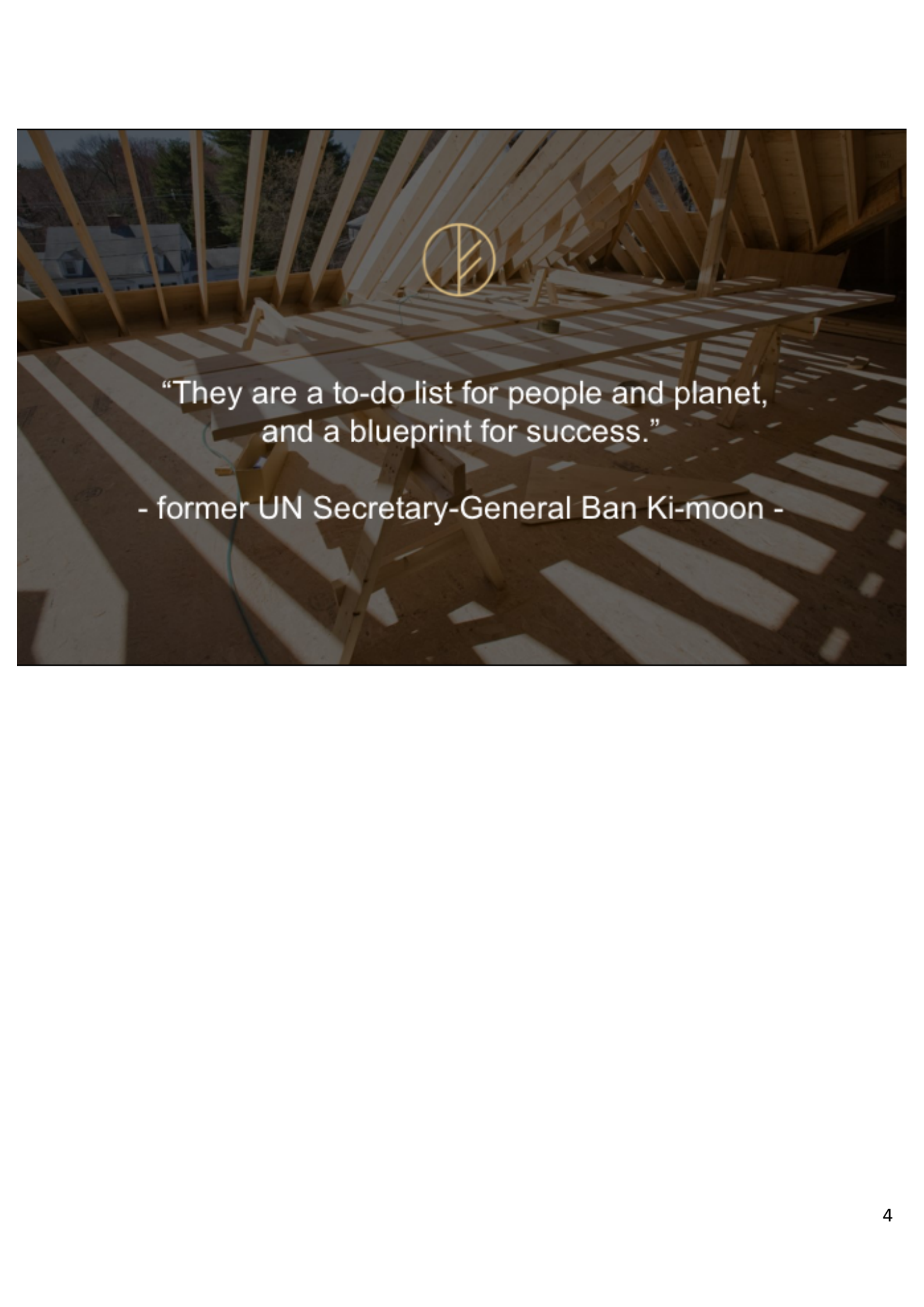
The SDGs cover all global issues including environmental, social and development issues

The SDGs provide a framework for everyone to follow, this includes individuals, government, business, communities and NGOs

It is a blueprint for how to achieve sustainable development

Businesses can use the SDGs as a guide for what to aim for if they want their business to contribute to sustainable development

The goals are a common language so that the issues can be communicated consistently and clearly, in the same way around the world



“They are a to-do list for people and planet,
and a blueprint for success.”

- former UN Secretary-General Ban Ki-moon -

The 17 SDGs



There are 17 SDGs. These each have specific targets and KPIs. You can meet an SDG goal if your business activities contribute to the targets and KPIs



How is Re>Pal meeting the SDGs?

Goal 7.

Ensure access to affordable, reliable, sustainable and modern energy for all

- At the factory gate, Re>Pal pallets have a lower carbon footprint than comparable timber and plastic pallets, with the exception of softwood pallets from certified timber.
- Re>Pal uses less energy for manufacture than other pallet types, its feedstock (waste plastic) has a lower embodied impact than timber and conventional plastic feedstocks.



Re>Pal meets the affordable and clean energy goal 7. They do this by lowering the amount of energy required to produce the pallets in comparison to conventional pallets

Goal 7.

Ensure access to affordable, reliable, sustainable and modern energy for all

Re>Pal helps to meet SDG Target 7.3

By 2030, double the global rate of improvement in energy efficiency



SUSTAINABLE
DEVELOPMENT
GOALS



Re>Pal are contributing to Goal 7's target 7.3 by helping to increase energy efficiency

Goal 9.

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

- When use and durability are taken into account, Re>Pal shows lower impacts than conventional pallets in all assessed environmental indicators due to their lower replacement requirements, lighter weight and lower emission intensity of production.



Re>Pal are meeting SDG Goal 9 by their innovative manufacturing process which promotes and supports sustainable infrastructure and industrialisation

Goal 9.

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

Re>Pal helps to meet SDG Target 9.4

By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities



Re>Pal are contributing to Goal 9's target 9.4 by making the pallet industry more sustainable and increasing resource-use efficiency. Re>Pal are promoting the adoption of cleaner and environmentally friendly industrial processes

Goal 12.

Ensure sustainable consumption and production patterns

- Re>Pal pallets feedstock (waste plastic) has a lower embodied impact than timber and conventional plastic feedstocks.
- Re>Pal pallets will have a lower environmental impact than other pallets under equal circumstances.
- Re>Pal pallets are almost “waste neutral” because the waste output throughout their life cycle, from cradle-to-grave, is nearly offset by the waste used as feedstock.



Re>Pal are meeting SDG Goal 12 by promoting sustainable consumption through their manufacturing process which lowers the embodied impact of the pallet. They are contributing to sustainable production by offsetting the waste used as feedstock and trying to be waste neutral

Goal 12.

Ensure sustainable consumption and production patterns

Re>Pal helps to meet SDG Target 12.2

By 2030, achieve the sustainable management and efficient use of natural resources

And SDG Target 12.5

By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse



Re>Pal are contributing to Goal 12’s target 12.2 by using natural resources efficiently as possible and contributing to Target 12.5 by reducing waste through recycling and reuse

Goal 15.

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

- Re>Pal offers a timber alternative, made using 100% recycled plastic, with a low environmental footprint, and with no risk of illegal logging and deforestation.
- However, if the question is whether fewer trees are cut because of Re>Pal, the answer is we do not know for sure, but we can say that one more Re>Pal pallet supplied to the market means potentially one less timber pallet being produced.



Re>Pal are meeting SDG Goal 15 by offering a timber alternative that does not contribute to deforestation and intending to reduce the amount of trees cut down for pallets

Goal 15.

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

Re>Pal helps to meet SDG Target 15.2

By 2020, promote the implementation of sustainable management of all types of forests, halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally



Re>Pal are contributing to Goal 15's target 15.2 by promoting the sustainable management of forests and reducing the rate of deforestation

Re>Pal meets four SDGs



Re>Pal meets four out of the 17 Goals

Disclaimer

This review was conducted based on the report delivered by Edge Environment to Range International “Pallet Life Cycle Assessment and Benchmark”, from May 2017. The focus of the assessment are Re>Pal pallet products and excluded corporate documentation.



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