

Long-Term Sustainability Policy: “Driving Our Future Challenge 2050”

August 5, 2021



住友ゴム工業株式会社
SUMITOMO RUBBER INDUSTRIES, LTD.



Needed: A Plan with Long-Term Perspectives to Envision the World of 2050

Striving to Achieve Sustainable Growth for Our Group & for Society Throughout All of Our Business Activities







GENKI Activities
(Employee Volunteer Activities)



Toward Establishing a Circular Economy Business Model

★ All Lines of Business
● Tire Business

★ Electric Vehicles (EV)
★ Modal Shift



★ Sustainable Natural Rubber



● SENSING CORE
(Detects Tire Pressure, Wear & Road Conditions)
● Solutions Services
(General Tire Management Services)



● SMART TYRE CONCEPT (for EV, CASE, MaaS)

★ Biomass Materials
★ Recycled Materials



★ Carbon Neutrality
★ Harnessing Hydrogen
★ Reducing Water Usage



★ Electric Vehicles (EV)
★ Modal Shift

Transport



★ Internal Standard for Sustainable Products
★ Reducing Plastic
● Retread Tires



R&D



Manufacturing



Procurement



Usage



Sales



① Utilizing Biomass Materials



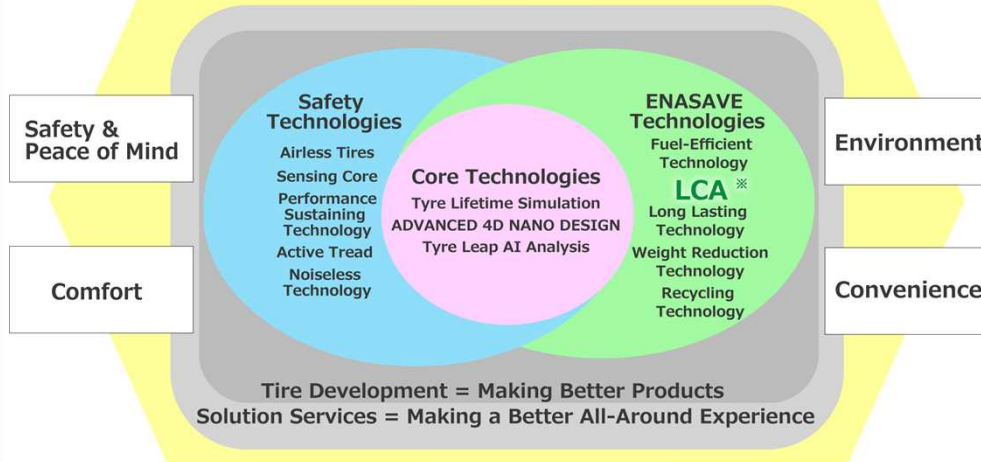
② Harnessing Next-Gen Energy: Hydrogen



③ Creating an Internal Standard for Sustainable Products



SMART TYRE CONCEPT



Tires Incorporating SMART TYRE CONCEPT



エナセーブ
NEXT III



2020 Energy Conservation Grand Prize Awards
Product & Business Model Category
Sponsor: Energy Conservation Center, Japan

Incorporates Environmentally Friendly **Fuel-Efficient Technology** to Achieve the Highest “AAA-a” Rating Under Japan’s Tire Labeling System, **LCA Technology** Making Innovative Use of Cellulose Nanofiber & **Performance Sustaining Technology** Made Possible Thanks to the Use of Hydrogenated Polymer (Released in 2019)



VEURO
VE304

33rd 日刊自動車新聞
用品大賞
2020

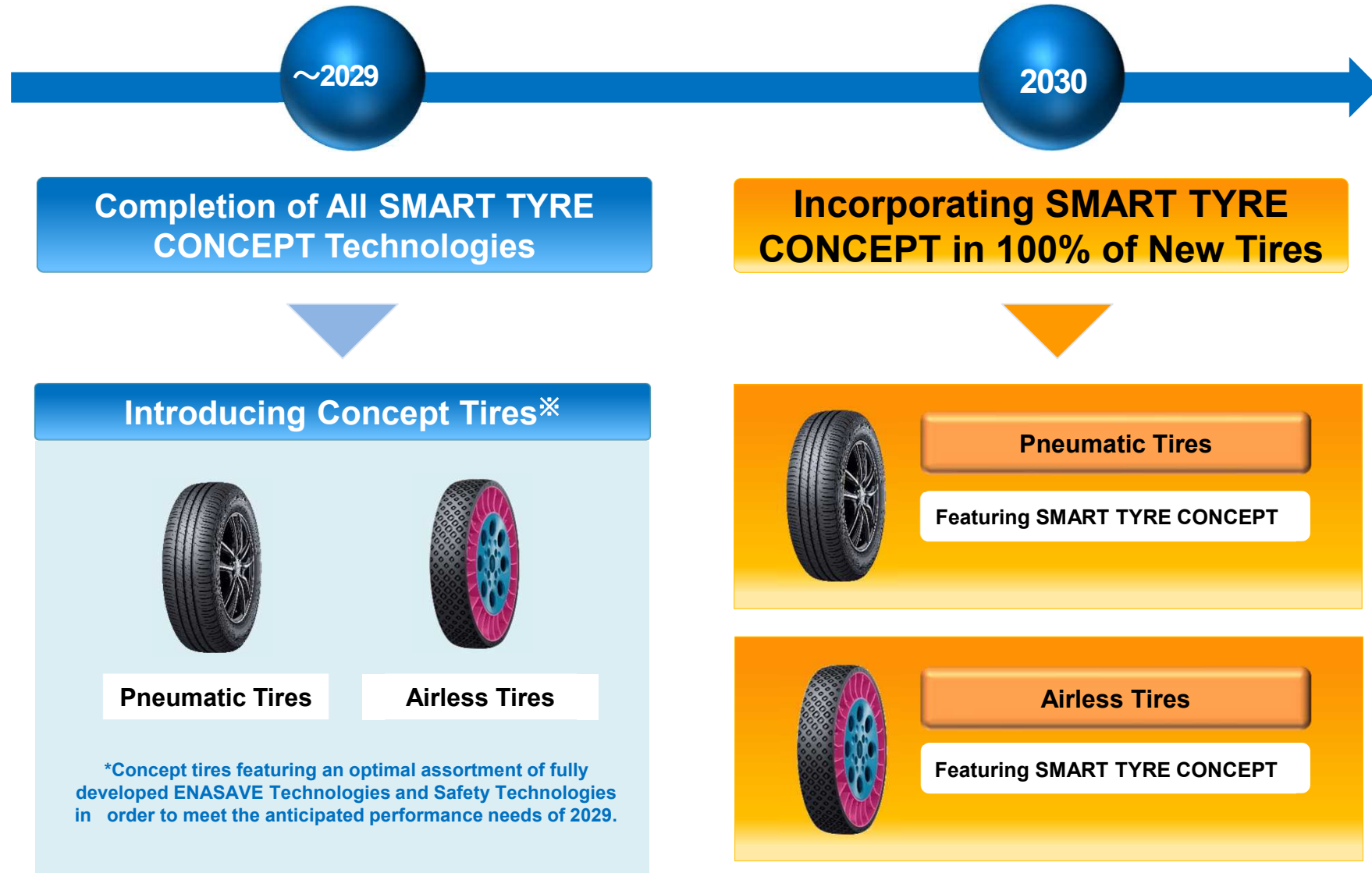
Incorporates **Performance Sustaining Technology** Made Possible Thanks to the Use of Hydrogenated Polymer & 3D Waveform Grooves for Longer Lasting Wet Grip Performance (Released in 2020)

“Once-in-a-Century”
Transformation of
Mobility Society

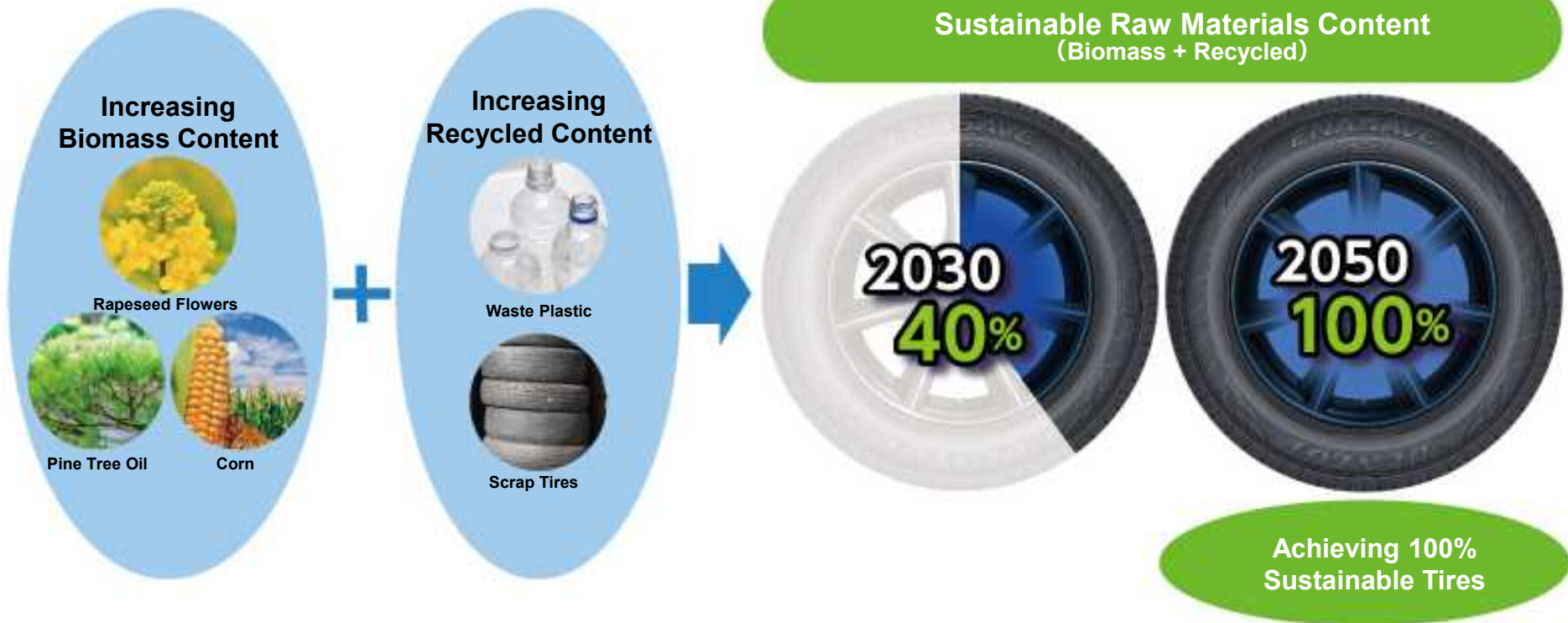


Further Accelerating the Development of
Safe, Environmentally Friendly &
Sustainable Tires Based on the Key
Concept of **LCA***

• Life Cycle Assessment (LCA) is a technique for quantitatively assessing the environmental impact of a product or service throughout its entire life cycle from the procurement of raw materials through ultimate disposal or recycling



R&D: Biomass + Recycled Raw Materials (Tires)



Realizing Products Made of 100% Sustainable Materials by 2050

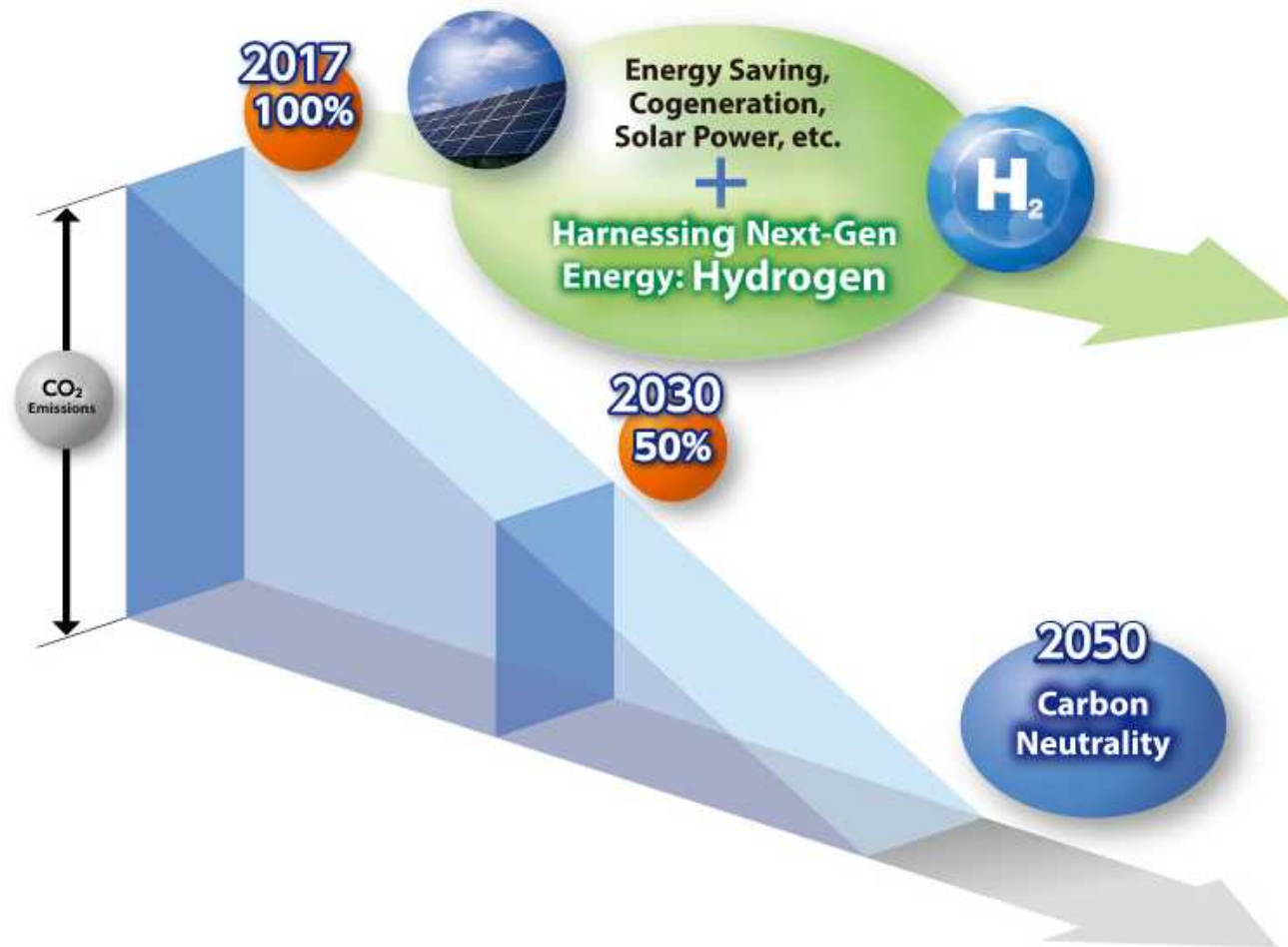
Sustainable Raw Materials Content
(Biomass + Recycled)

2030

2050



Striving to Reduce Factory CO₂ Emissions by 50% by 2030 & to Achieve Full Carbon Neutrality by 2050



*Scope 1: Targeting Direct Emissions of Greenhouse Gases from Our Business Activities

Scope 2: Targeting Indirect Emissions from Usage of Electric Power from External Sources

Plan to Introduce Hydrogen Boilers at Shirakawa Factory (Fukushima Prefecture) with NEDO* Backing & Support

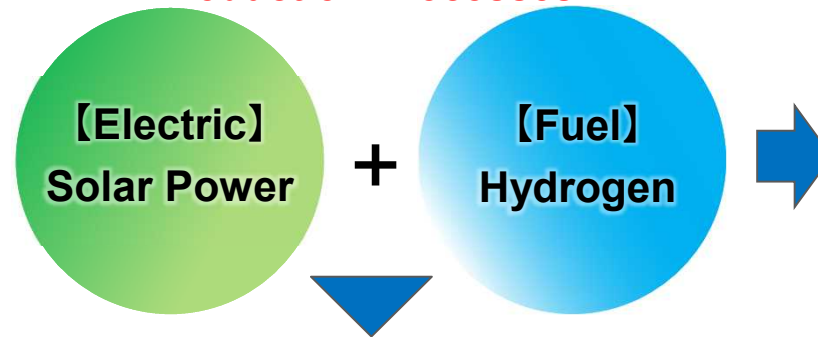
Production System for Manufacturing
High-Performance Tires

*New Energy and Industrial Technology Development Organization

**Shifting to Green Energy for All NEO-T01
Production Processes**



NEO-T01



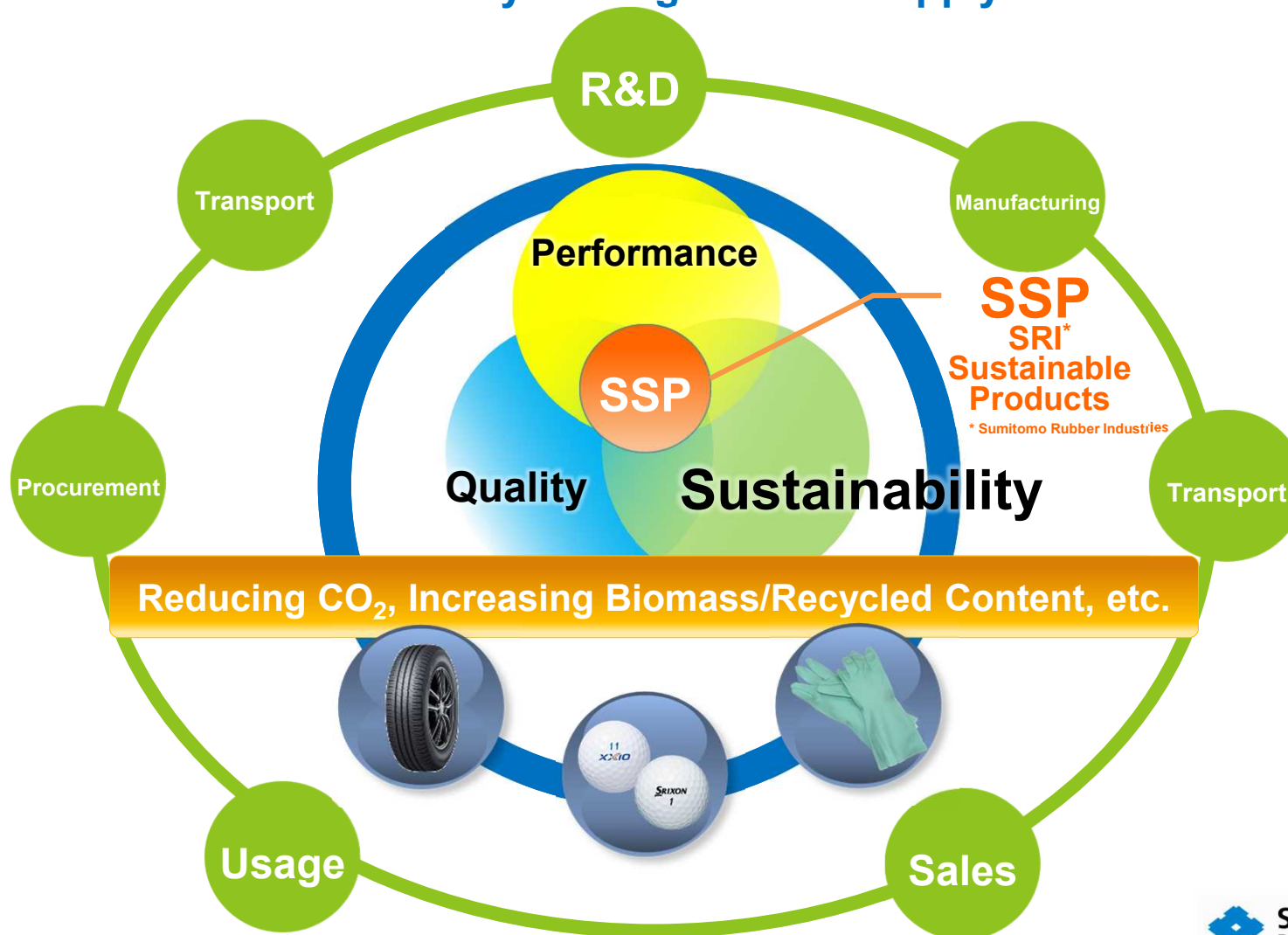
August 2021
Proof of Concept
Start
▼
2023
Production Start

Striving for
“Tires with Zero CO₂ Emissions During Manufacture”

Examining Potential for Expansion from Fukushima to
Our Other Factories in Japan & Worldwide



We will Establish SSP(SRI Sustainable Products) as an Internal Standard for Sustainable Products for our Tire Business, Sports Business and Industrial Products Business with the Aim of Contributing to the Formation of a Recycling-Oriented Society Throughout our Supply Chains.



By 2030, we aim to reduce plastic usage by 40%* in our tire labels, product packing materials, sales promotional tools, etc.

*vs. 2019

Tire Business



Sports Business



Industrial Products Business



We Pledged Our Support for TCFD (Task Force on Climate-Related Financial Disclosures)

In June 2021, we pledged our support for TCFD* and committed to disclosing financial risks and opportunities arising as a result of climate change.

TCFD | TASK FORCE ON
CLIMATE-RELATED
FINANCIAL
DISCLOSURES



※In light of the major risks that climate change poses in terms of potentially destabilizing financial systems, the Financial Stability Board (FSB), an international financial institution headquartered in Switzerland, established the Task Force on Climate-Related Financial Disclosures (TCFD) with the aim of encouraging corporations to disclose information concerning the risks and opportunities that climate change presents in terms of potential impact on corporate finances. Over 2,000 companies, governments, financial institutions and other organizations have pledged their support for the recommendations of the TCFD.

Inclusion in Sustainability Indexes

Our company has been included in two leading FTSE* indexes, which are used by institutional investors to make investment decisions, etc.



FTSE4Good



FTSE Blossom
Japan

※These indexes were created by FTSE Russell (a member of the London Stock Exchange Group) as indexes for evaluating corporate ESG based on corporate disclosures and according to proprietary criteria.

Rubber and Beyond, Driving Our Future

 **SUMITOMO RUBBER INDUSTRIES, LTD.**