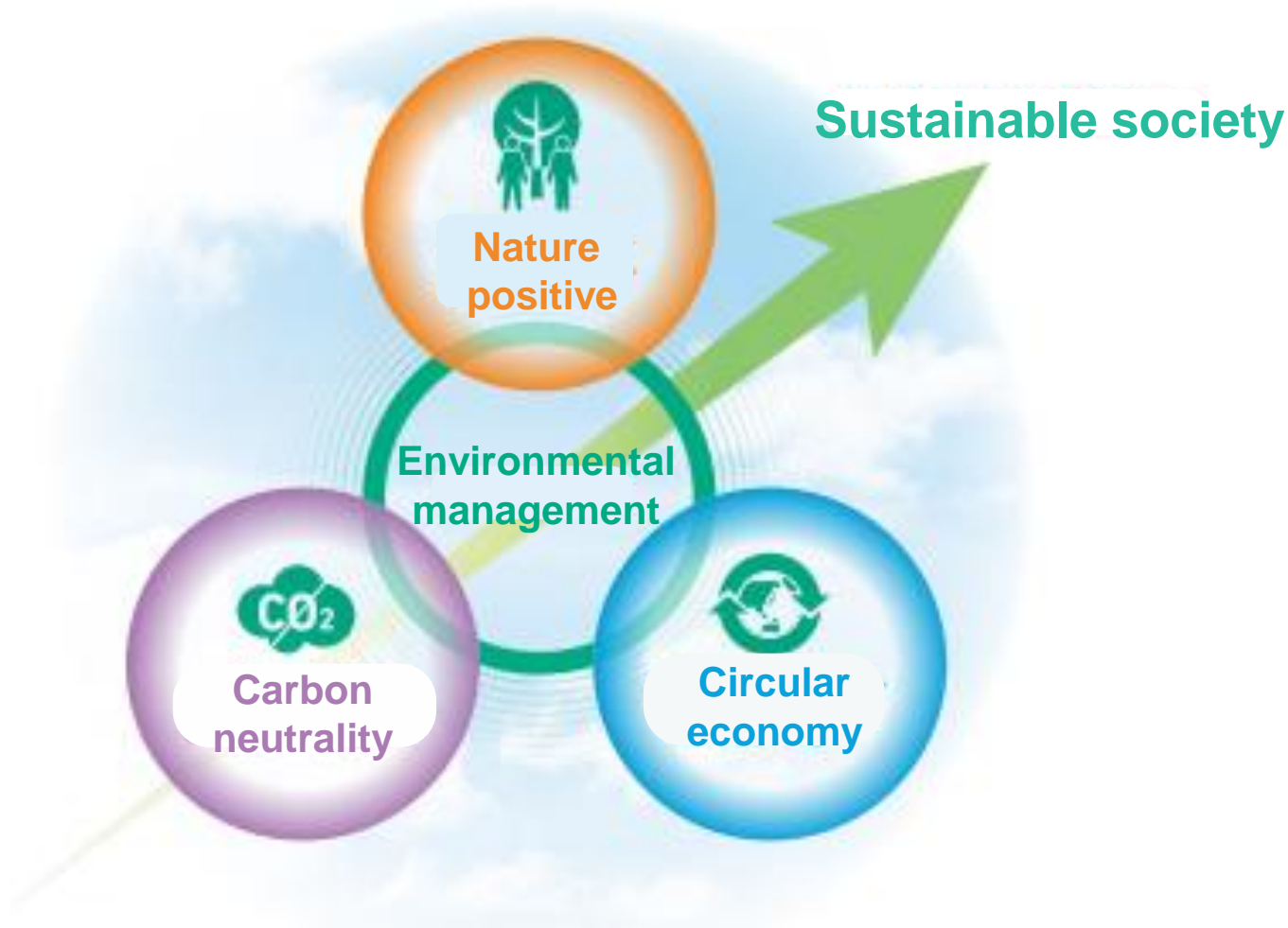


# 1. Tokai Rika's efforts for carbon neutrality and circular economy

## ■ Environmental action plans

Tokai Rika is promoting environmental efforts based on the three pillars -carbon neutrality, circular economy, and nature positive- to contribute to the creation of a suitable society.



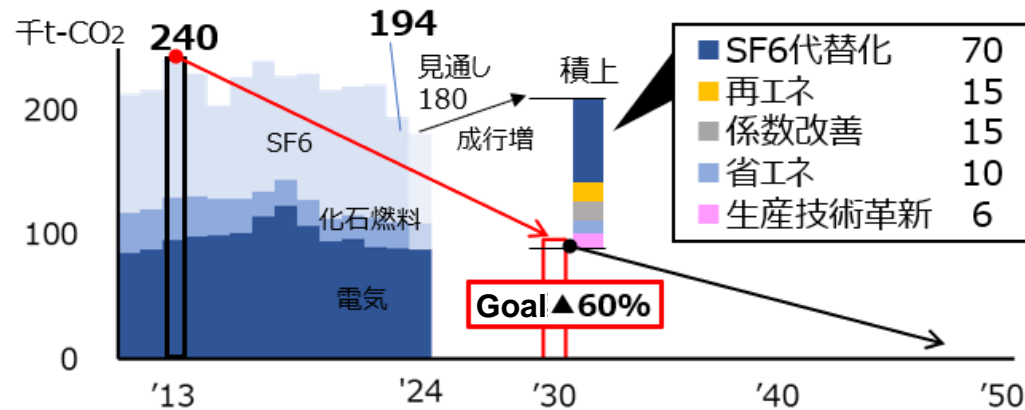
**Environmental slogan**

## 2. Carbon neutral efforts

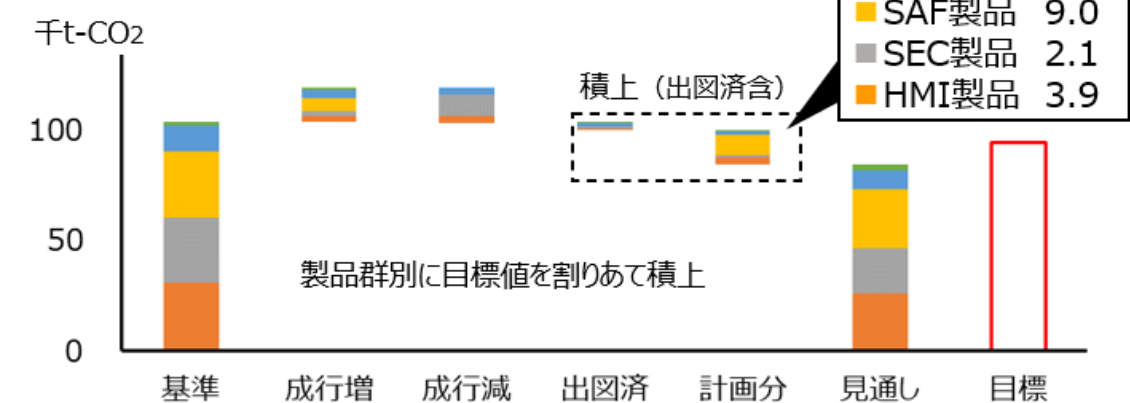
### ■ Reduction scenario for carbon neutrality by 2050

In Scopes 1 and 2, Tokai Rika is making various reduction efforts to achieve carbon neutrality by 2050.

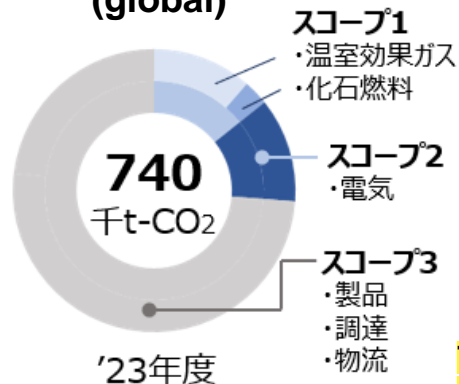
#### Scopes 1 and 2: Production strategy



#### Scope 3: Product strategy (Japan)



#### Supply chain emissions (global)



#### ▼ Scopes 1 and 2

戦略	2030 goals	実施事項
生産	Factory CO <sub>2</sub> emissions ・ <b>60% down</b> from 2013 levels ・ Renewable energy ratio: <b>25%</b>	・ 温室効果ガスの代替化 ・ 生産技術革新 塗装、熱処理、鋳造 ・ エネルギー見える化による徹底的な省エネ ・ 再エネ/新エネの利用拡大 ・ 本社工場を先行してCN化

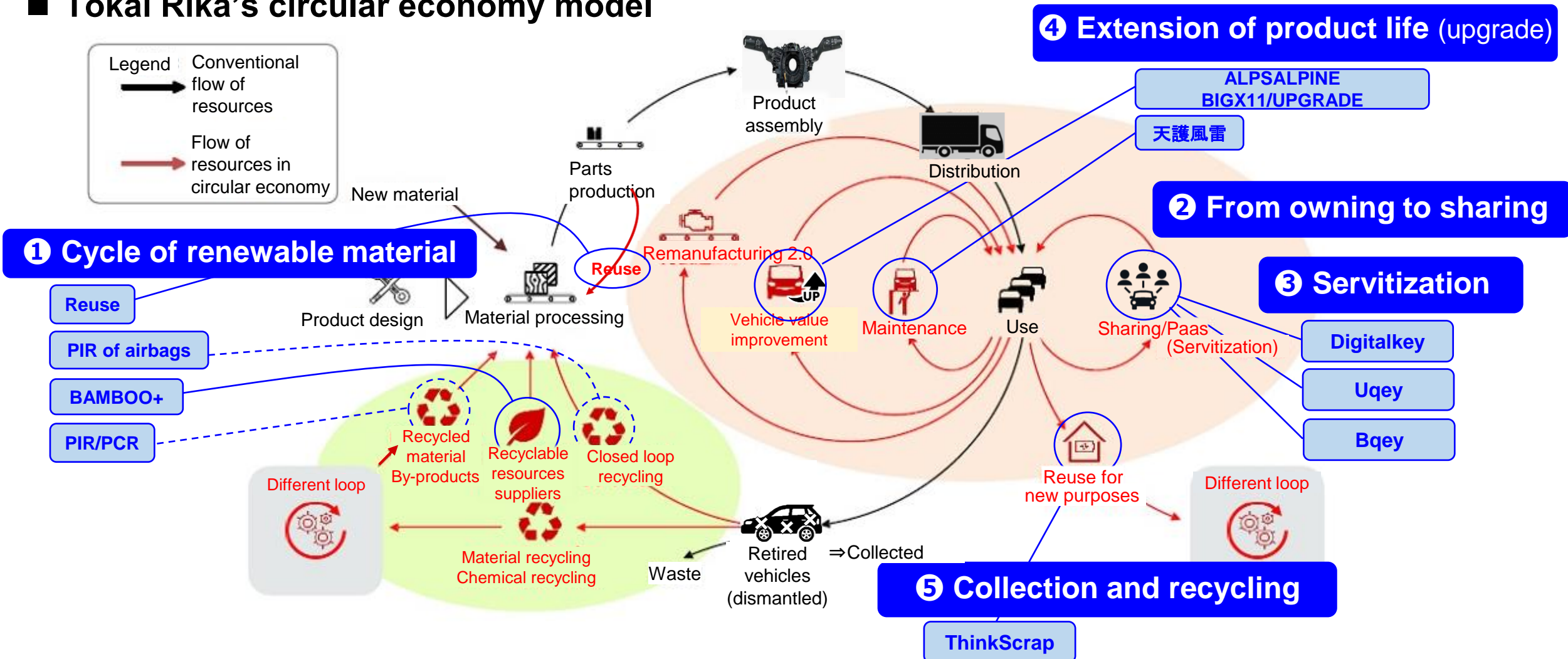
Tokai Rika is contributing to the entire product life cycle from the viewpoints of production, products, distribution, and procurement.

#### ▼ Scope 3

戦略	2030 goals	実施事項
製品	Material-derived CO <sub>2</sub> emissions ・ <b>10% down</b> (30% down by 2040)	・ LCAシステムの構築と運用 ・ 低CO <sub>2</sub> 設計 ・ 化石資源プラの代替推進
調達	<b>20% down</b> from 2019 levels <b>Reinforced to 30%</b>	・ 改善横展によるCO <sub>2</sub> 低減 ・ 各戦略の仕入先連携
物流	Green vehicles (HVs, EVs, FCVs) <b>50%</b>	・ 物流の効率化 ・ 包装資材の材質変更 ・ 燃料変更

# 3. Circular economy efforts

## ■ Tokai Rika's circular economy model



**Tokai Rika is taking the five business models as opportunities.**



## 4. Nature positive efforts

### ■ Development of Argentine ant expellant

Can automobile technology save the earth?!

Ant expellant grease “ぷりっとベイト”



### What is an Argentine ant?

It is a pesky ant that undermines the ecosystem



- Argentine ants are a non-native ant species that originated in South America, designated as one of the world's 100 worst invasive species.
- Argentine ants are designated as an invasive alien species in Japan that is environment-adaptable, productive, and aggressive. The pesky species is the target of removal because it is damaging the ecosystem.



# 4. Nature positive efforts

## ■ Development of Argentine ant expellant

### Problems on the spot

Ant pest control is inefficient, exhausting, and time-consuming!

I have to retrieve the cases one by one.

I really want to apply expellant in the gaps of tree bark and between pebbles.

I cannot apply expellant today because the rain sweeps it away.

ぷりっとベイト

Streamlines ant pest control!

Anywhere

Less retries

Any whether

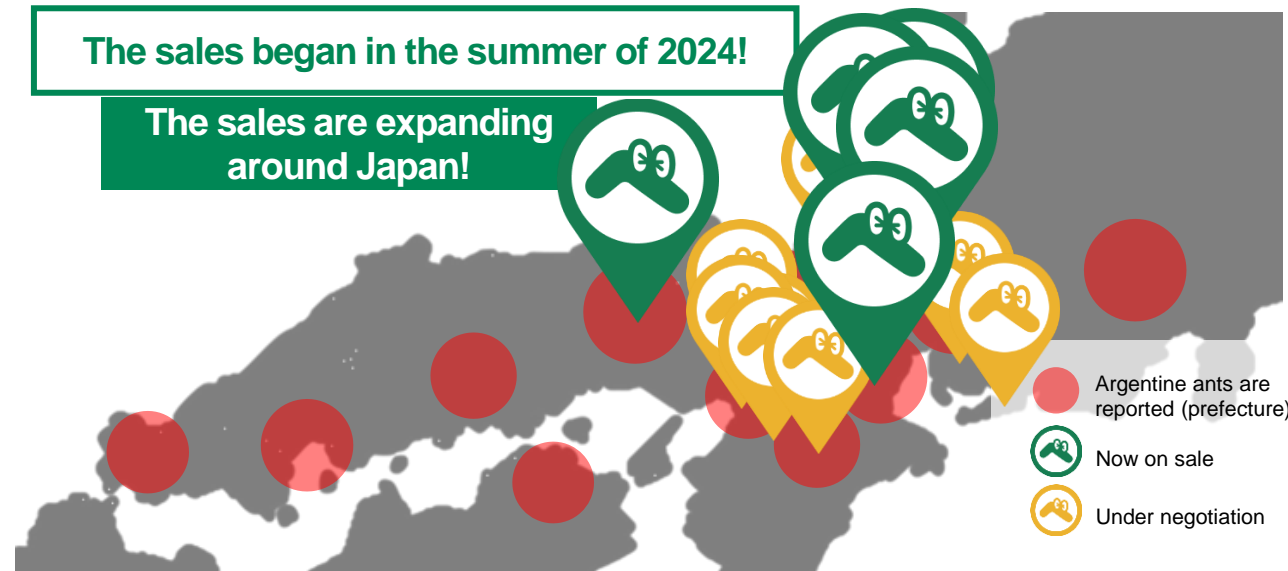
Scheduled implementation

Proposal of a new operation

Less work time

The sales began in the summer of 2024!

The sales are expanding around Japan!



Who was the development partner?

What are the strengths?

Are there experiment data?

I want to know the behind-the – scenes story!

Scan here!



Proposal for visitors

Are you interested in industry partnership activities for Argentine ants?