

# Stakeholders' evaluation of vegetation and its management in railway environments



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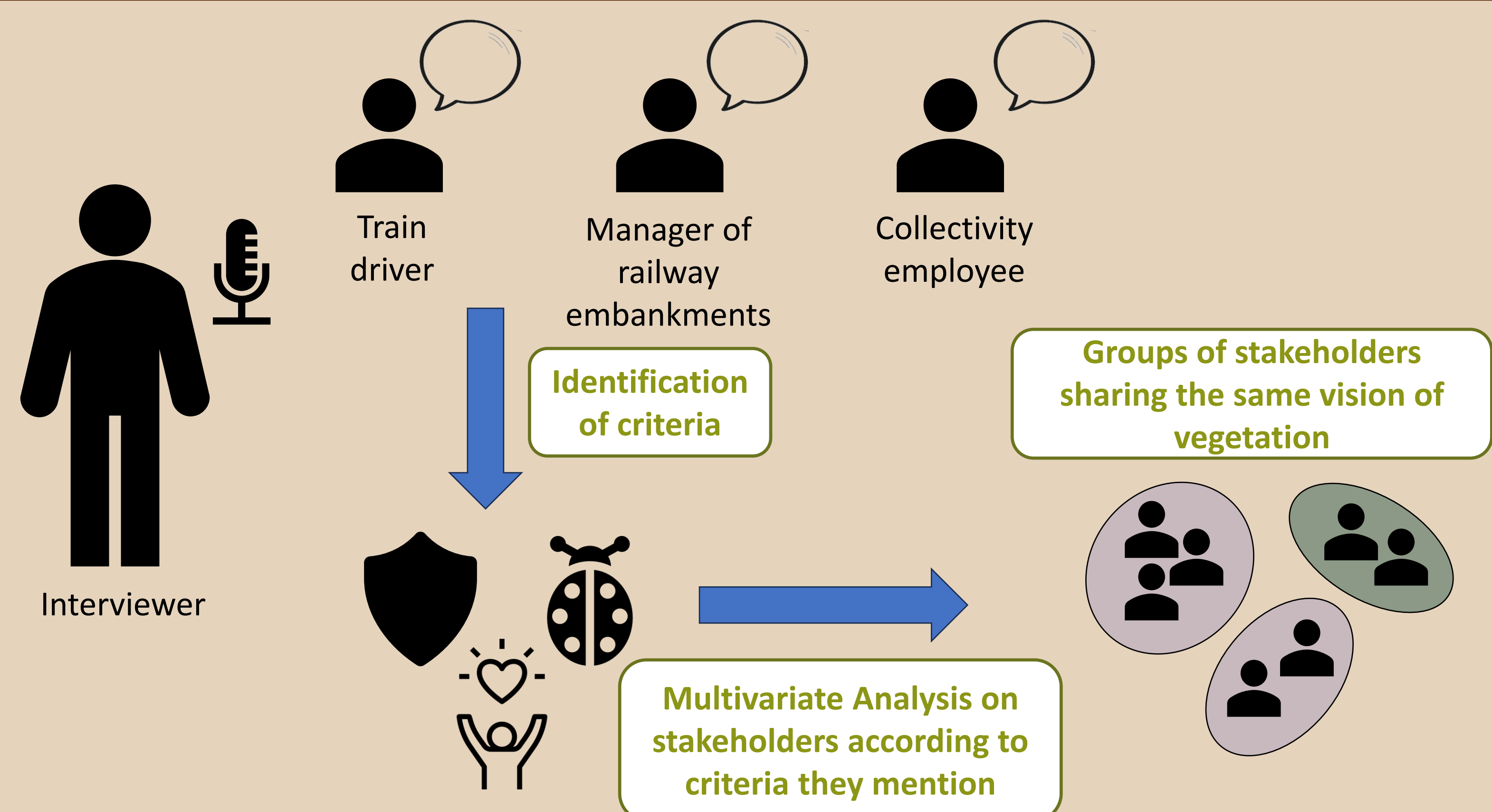
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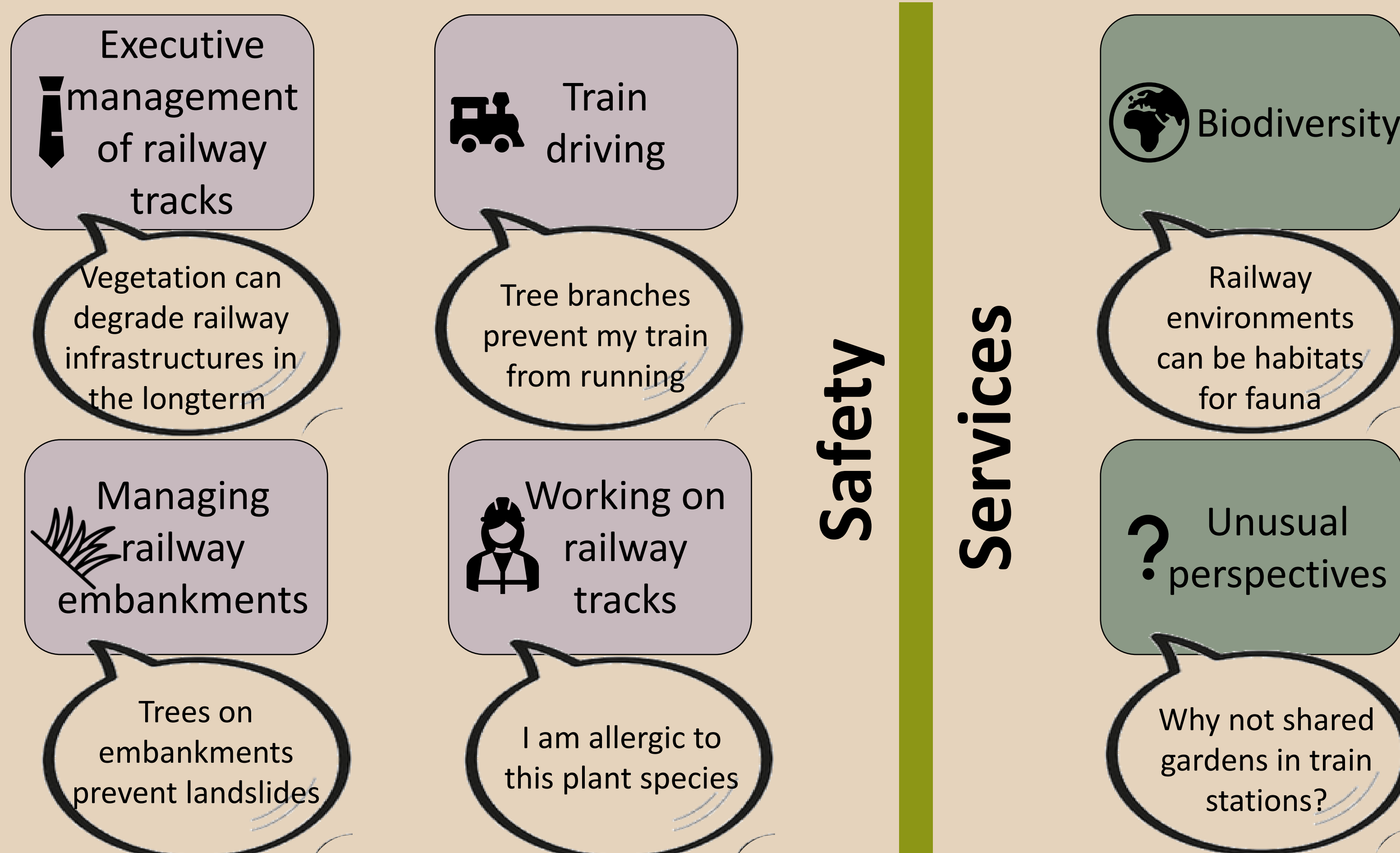
- The **RATP company** (national railway company in Paris, France) **ceased using chemical herbicides** on railways in 2019.
- Managing **railway vegetation** become **critical for stakeholders**.
- **Objective: identify criteria** used by stakeholders to evaluate railway vegetation and propose a systemic vision of vegetation for a sustainable management

## Methods

- **30 semi-structured interviews**
- **Qualitative analysis** to identify criteria used to evaluate railway vegetation
- **Quantitative analysis** to characterize typologies of stakeholders



## 6 groups of stakeholders



## Results

17 criteria **questioning current vegetation management:**

- Different criteria according to the **location** of vegetation
- Criteria for **short-term** and **long-term** management
- Criteria mentioning **railway safety, biodiversity** and **quality of life**

- **Listening to all stakeholders**, even those with unusual perspectives, is **crucial** for understanding the full impact of railway vegetation.
- **Cooperation** between stakeholders will be **essential** to **avoid fragmented solutions** and to **design systemic and sustainable vegetation management policies**.