

#### **Grüne Grundstücke – TAKE**

#### **Green Plots**



**Trend** 

Natural habitats are being destroyed

The insect population is declining dramatically

**Auswirkungen** *impact* 

The foundations of human existence are at risk

The death of insects - as a synonym for the loss of biological diversity - is moving into public awareness

Kernbotschaft core message

The natural habitats should be preserved as much as possible

**Empfehlung** recommendation

Preserving and restoration natural habitats on Deutsche Bahn properties



# Green plots - a cooperation between DB AG and the Lake Constance Foundation







cooperation 2019 - 2022

- Task: development of pragmatic and sustainable upgrading options for DB properties
- Consulting of individual locations
- Development of tools ("biodiversity toolbox") for different decision-makers in the life cycle steps
- https://gruen.deutschebahn.com/de/projekte/gruenegrundstuecke

#### Das ist grün.

Mehr Vielfalt. Für Insekten. **Grüne Grundstücke bei der DB.** 

Nr. 150

### The goals of the cooperation



- Strengthening of ecological awareness in the training and further education of DB employees
- Pragmatic and inexpensive analysis of the real estate life cycle and its group-wide application in more than ten pilot projects
- Very easy opportunity (without obligation) for the ecological upgrading of outdoor areas
- Optimization of the control processes
- Reducing management costs for outdoor areas
  (e.g. designing outdoor facilities to use vegetation that
  needs to be mowed less often etc.)



- Improving the reputation of DB against the background of the environmental goals of Strong Rail
- Development of a group-wide minimum standard for the implementation of the principle "Already think about the requirements of management during planning

## A bed is created – Apprentice-project factory Nürnberg



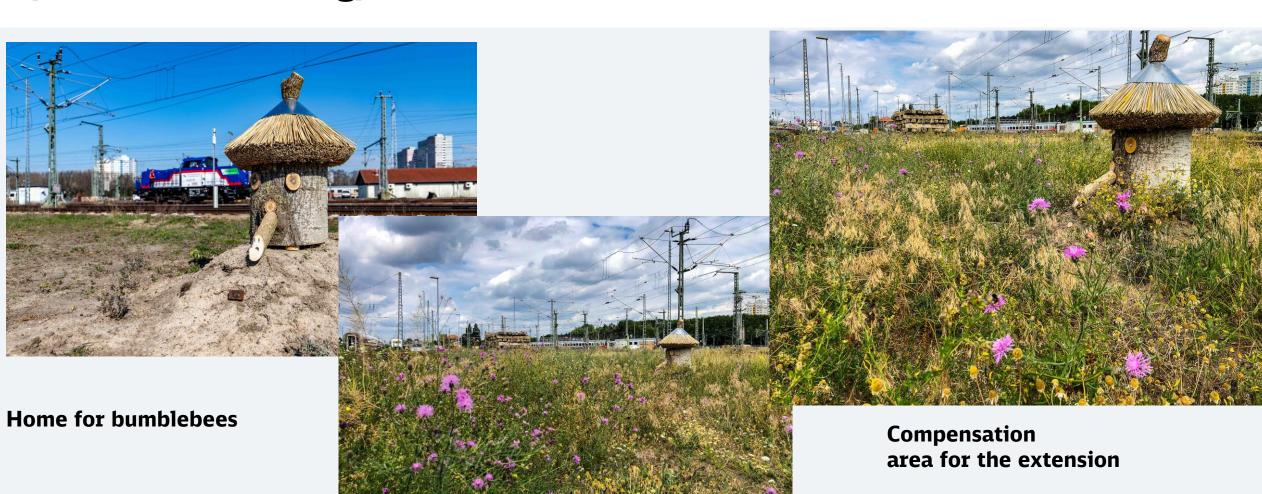


# **Extension of one of the biggest maintenance-factories for ICE** (Berlin Rummelsburg)



Nor more maintenance

(excepted traffic safety)



DB AG | Michael Hölzinger | Corporate Real Estate Management | 14.09.2022

## Our biodiversity-toolbox provides strategists, planners and professional DR maintaining staff with basics. So, a wind of change begins.



#### **Content of our biodiversity-toolbox**

- Criteria for tendering the design and maintenance of (green) spaces
- Handout for simple measures to protect insects (e.g. job aid "wild bees")
- Practical instructions for implementing measures at locations / profile of measures, examples:
  - Landscaped areas
  - Residual green spaces
  - Other areas (such as train stations)
- Concept / materials for integrating the topic of "biological diversity" into training at DB







Arbeitshilfen und Hintergrundinformationen für Mitarbeiter der Deutsche Bahn AG zur Optimierung von Kompensationsmaßnahmen für die

Förderung von Wildbienen



### And how does it work in reality???



- Deutsche Bahn is a very great company, > 200.000 employees
- 120.000 hectares ground, from that approximately 10% outdoor area (no railway traffic)
- A very complex organisation (even for us ©)
- A lot of decision makers in a lot of hierarchical levels...

#### ... and now?

- 1. We create the concept for the biodiversity-toolbox
- 2. We describe the requirements of sustainable management of our areas in our framework (in the phases planning/construction, operation an disinvestment)
- 3. We support the decision makers (e.g. sustainable purchaise of care services of our open areas) that they will care of these requirements
- 4. The decision makers will be planning budget
- 5. The executives will organize qualification, recruitment and hire "green" service providers
- 6. Establishing a monitoring to see the success

## **BACKUP**



## Die Pilotvorhaben im Projekt repräsentieren die typischen Immobilienportfolien der DB AG



#### **Overview Cluster**

- **Outdoor areas Werke** 
  - Vehicle Maintenance Factory Nürnberg
  - **Extension ICE-factory Rummelsburg**
  - Azubi-Projekte Hamm
- Compensation areas accompanying areas of the railroad
  - Wild Bees new track project Karlsruhe Basel
- Representative areas
  - DB-Academy (Kaiserbahnhof Potsdam)
- Projektkonzeptionen/ Projektentwicklungen/ Standortkonzentrationen
  - Projekt "6-Seen Duisburg-Wedau"
  - Markgrafendamm Berlin
- Areas no longer required for operations
  - Locations with minimal maintenance
  - Areas freed up after location optimization at traffic stations