



Green Plots

Sustainable land management

Abstract

14.09.2022 | Wiesbaden

Grüne Grundstücke – TAKE

Green Plots



Trend *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)



Home for bumblebees



**Compensation
area for the extension**

**Nor more maintenance
(excepted traffic safety)**

Our biodiversity-toolbox provides strategists, planners and professional 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 and disinvestment)
3. We support the decision makers (e.g. sustainable purchase 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



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