



# EUREGIO Ökopark Lassee

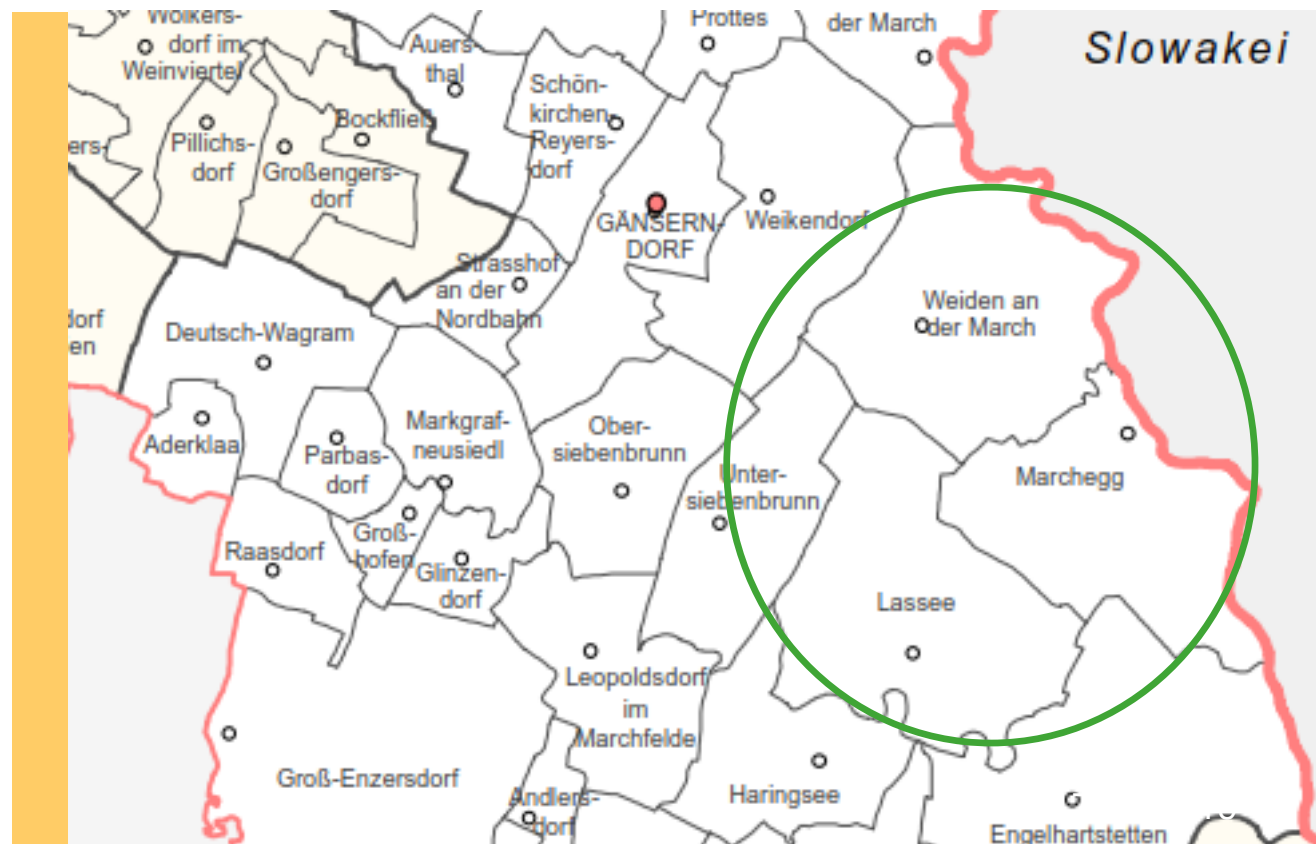
Marktgemeinde  
Lassee



Stadtgemeinde  
Marchegg



Gemeinde Weiden  
an der March



# Association for the promotion of ecological circular flow economy



## in municipalities and regions

- sustainable environmental model
- regional und national
- European partner communities
- BAUM region

# General Purpose



- compost management
- soil / climate alliance
- groundwater balance (swimming lake/pond)
- renewable energy
- forest management concept
- corridor planning

# Special Purpose



- promotion of the local economy
- set-up know-how-transfer
- soil health
- preservation of natural habitats and landscapes
- ecological measures in the school and kindergarten sector
- townscape improvement

# Know-How-Transfer



- waste management
- circular-flow-economy
- soil hygiene
- network for planning, financing and consulting
- ecological infrastructure

# Financial Resources



- membership fees
- profits from events
- sponsoring
- subsidies – federal state, federation, EU
- subventionen

# Membership fees



- associations € 2.500/a
- municipalities € 500/a
- extraordinary mebers € 750/a
- supporting members > € 500/a

# Members:



- municipalities
  - Marchegg
  - Lasseer
  - Weiden/March
- application to join the association:
  - Untersiebenbrunn
  - Engelhartstetten?
  - Haringsee?



# Management



- Chairman
- Vice chairman
- Treasurer
- Vice-treasurer
- Secretary
- Vice-secretary

Bgm. DI Karl Grammanitsch

Bgm. Ing. Franz Neduchal

Bgm. Gernot Haupt

GGR Roman Bobits

Vzbgm. Markus Lang

Vzbgm. Richard Kohl

# Projects



- corridor planning
- forest management concept

# EUREGIO Ökopark Lassee



**ENLARGEMENT?**

# Soil Protection System in 6 Municipalities



|                  | number     | area (ha)       | period of planting  | care concept |
|------------------|------------|-----------------|---|--------------|
| Lassee           | 111        | 35,1582         | 1960 – 2019   | 2007         |
| Weiden           | 36         | 12,1389         | 1963 – 1995   | 2015         |
| Marchegg         | 105        | 30,3926         | 1959 – 2008   | no           |
| Untersiebenbrunn | 15         | 4,5105          | 1970 – 1988   | no           |
| Haringsee        | 48         | 23,2137         | 1962 – 2011   | no           |
| Engelhartstetten | 33         | 8,4410          | 1969 – 2011   | no           |
| <b>Total</b>     | <b>380</b> | <b>127,1427</b> | according to the database of the agrarian district of Lower Austria |              |

# Topics Of Corridor Planning

(Development planning for land and landscape)



- agriculture and forestry
- road construction
- soil protection
- hydraulic engineering
- landscape design and recreation
- nature protection and landscape
- climate protection

# Circular Flow Economy in Lassee



# Sustainable Forest Management



## Forest management concept

- basis for a sustainable, economical and ecological management
- forstlichen Liegenschaften
- transparent and basic information about the forest properties
- planning period 10 years (1.1.10 - 1.1.20)
- sustainable forest management concept

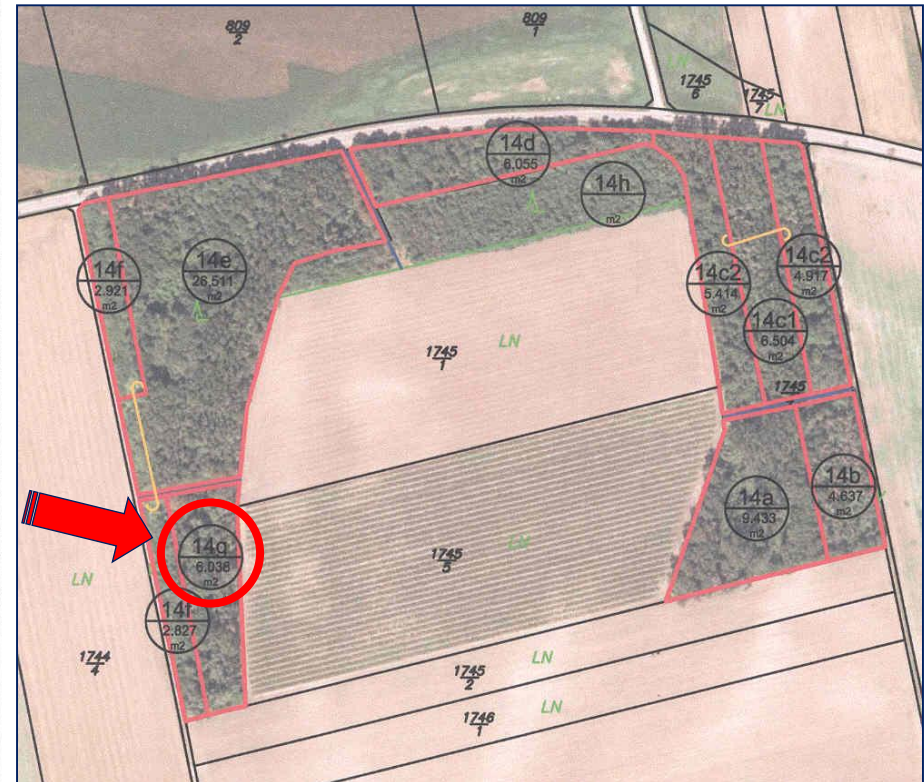




# Forest Management Plan Lassee



|  |  |  |                    |  |                           |  |                                |          |
|--|--|--|--------------------|--|---------------------------|--|--------------------------------|----------|
| Abteilung: 14 g  |  | Fläche: 0,6038 ha<br>Teilfläche von Gst.: 1745/4 KG Lassee<br>(gesamt Gst.FL: 7,5260 ha) |                    | Betriebsklasse: Naturschutz<br><i>Nw 2</i> |                           |  |                                |          |
| FE-Mappenblatt: Blatt 3  |  | davon Holzbodenfläche: 0,6038 ha<br>Nicht-Holzbodenflä: 0,0000 ha                        |                    | Altersklasse: 1. AKL. (0-19j.)             |                           |  |                                |          |
| Waldort:   |  |  |                    |  |                           |  |                                |          |
| Stand-Ort  | <b>Exposition:</b> west-exponiertes Waldstück<br><b>Neigung:</b> Übergang in eine Senke<br><b>Seehöhe:</b> 140-150 m ü. A.<br><b>Boden:</b> Gley; sehr hoch anstehende GW-Stände (Flurabstand: ca. 0-0,5m)<br><b>Standorttyp:</b> Weidenaue (nass) |  |                    |  |                           |  |                                |          |
| Bestand  | <b>Bestandeskurzbeschreibung:</b><br>Bruchweidenbestand mit 80 Bruchweide und 20 Silberpappel sowie einzelnen Hybridpappeln; naturschutzfachlich wertvoll  |  |                    |  |                           |  |                                |          |
|  | <b>Bodenvegetation:</b><br>+/- Krautvegetation mit typischen Nässezeigern; Binse, Schneidried, udgl.   |  |                    |  |                           |  |                                |          |
|  | <b>Sonstige Holzarten:</b><br>Diverse Weiden, einzelnen Silberpappeln und Hybridpappeln  |  |                    |  |                           |  |                                |          |
|  | <b>Verjüngungsverhältnisse:</b><br>-   |  |                    |  |                           |  |                                |          |
| <b>Betriebsklasseneinteilung:</b><br>Teilweise aussetzender Betrieb (Auewald)  |  |  |                    |  |                           |  |                                |          |
| <b>Besonderes (Schäden,...):</b><br>keine  |  |  |                    |  |                           |  |                                |          |
| Bestandbildende Holzarten  |  | Mittel-<br>höhe  | Ertrags-<br>klasse | Bestock-<br>grad                           | Laufender<br>Zuwachs (LZ) | Haubarkeitsdurch-<br>schnittszuwachs (MDZ)                   | Holzvorrat<br>(in fm Derbholz) |          |
| Einzeln  | Flächenanteil<br>% Ha  | Alter  |                    | Zehntel                                    | je ha im Ganzen           | je ha im Ganz.   | je ha                          | im Ganz. |
| Blöße  | -  | -  | -                  | -  | -                         | -  | -                              | -        |
| Weide  | 80   | 0,4830   | -                  | -  | -                         | -  | -                              | -        |
| SPapp  | 20   | 0,1208   | -                  | -  | -                         | -  | -                              | -        |
| Laubh.   | -  | -  | -                  | -  | -                         | -  | -                              | -        |
| Nadelh.  | -  | -  | -                  | -  | -                         | -  | -                              | -        |
| Summe  | 100  | 0,6038   | -                  | -  | -                         | -  | -                              | -        |
| <b>Masse erhoben durch:</b> Barbl / Jagschich Herbst 2008  |  |  |                    |  |                           |  |                                |          |
| <b>Wirtschaftsplanung (Dezennium 2009 – 2018) - BESTAND:</b><br>Herausschlagen der Hybridpappeln; Silberpappel/Weißpappel belassen<br>Weiden auf Stock setzen<br>Lücken mit Weidensetzstangen auffüllen<br>Produktion von Weidensetzlingen und Korbweidenmaterial<br>Ansonsten „aussetzende“ Bewirtschaftung |  |  |                    |  |                           | <b>Betriebszieltyp:</b><br>Weidenaue<br>Aussetzender Betrieb |                                |          |
| <b>Wirtschaftsplanung (Dezennium 2009 – 2018) – AUFFORSTUNGEN:</b><br>Lücken mit Weidensetzstangen auffüllen, ca. 0,3 ha   |  |  |                    |  |                           |  |                                |          |

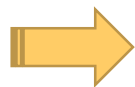




# Objective



- sustainable management under ecological, economic and social perspectives
- rejuvenation of the tree population with appropriate tree species
- care of young trees → vital tree population in the old age
- provision of timber, wood for energy and firewood
- best possible control of limited work capacities and resources



**Establishment of „climate-fit“ forests**

# Sustainable Wood Usage Volume



## Permitted cut:

The permitted cut reflects the amount of wood that can sustainably be used every year.

Annual cut (VN + EN):

962 Vfm → 770 Efm / year

Permitted total cut for a decade:



7.700 Efm

Previous use (30% of end use):

222 Vfm

End use:

740 Vfm

# Use Of Wood & Energy Balance



## Use of wood:

High-quality wood chips for

- municipal office + building yard
- kindergarten Schönfeld

} ca. 700  
Srm

Firewood for retiree => ~ 160 RM

Sale of wood chips to private individuals



## Energy balance:

Permitted cut: 770 Efm/year => 40% energy wood content => **308 Efm**

Forest: 137,59 ha

Use: 5,6 fm/year/ha

Energy content (MWh): 308 Efm x 0,6 t/ Efm x 1,2 x 4MWh/t => **887 MWH/ year**