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## Verification report

# Eußenheim Zertifizierung

<b>Project:</b>	Gemeidewald Eußenheim Klimaoptimiertes Forstbetriebsmanagement
<b>Project ID:</b>	DE00225
<b>Region:</b>	Fränkische Platte
<b>Crediting period:</b>	30 Jahre (2025 - 2055)

### Description

The Project Gemeidewald Eußenheim–Climate-Optimized Forest Management in Bavaria enhances the forest’s carbon sink capacity through climate-adapted silviculture. By developing resilient mixed forests, maintaining stable carbon stocks, and diversifying tree species according to site conditions, the project improves the climate balance compared to the baseline scenario and generates additional, verifiable emission reductions as well as co-benefits.



#### Project manager

Kommunalforstbetrieb Gemeinde  
Eußenheim

#### Auditor

TÜV Rheinland Energy & Environment  
GmbH

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## Summary

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This document contains the documentation of the project **Eußenheim Zertifizierung**, together with the audit report of the auditor **TÜV Rheinland Energy & Environment GmbH** against the requirements of the Forest Climate Standard in version **1.3**.

<b>Project title</b>	Gemeidewald Eußenheim Klimaoptimiertes Forstbetriebsmanagement	
<b>Project manager</b>	Kommunalforstbetrieb Gemeinde Eußenheim Am Kirchberg 16 97776 Eußenheim	
<b>Contact person</b>	Ralf Schmidl forst.eussenheim@email.de 0175/5393533	
<b>Certification name</b>	Eußenheim Zertifizierung	
<b>Method</b>	Methode: 03 Klimaoptimiertes Forstbetriebsmanagement	
<b>Certification type</b>	Initial certification	
<b>Standard ( Version )</b>	Forest Climate Standard (1.3)	
<b>Number of sites</b>	413	
<b>Area</b>	1.502,5 ha	Ø 3,6 ha
<b>Crediting period</b>	30	01.01.2025 - 31.12.2054
<b>Inventory establishment period</b>	10 years	
<b>Verified additional GHG balance</b>	10.855 Climate performance [tCO <sub>e</sub> ]	
<b>Marketable climate certificates</b>	8.558 Buffer and any fees already deducted	

## Verification #1 | 01/25 - 11/25

The calculated co2Storage is **10.855t** and the reference-period is **01/25** to **11/25**.

### Reported usage quantities

Regular and calamity-related harvests on the project area during the reference period are listed. Calamity-related harvests are listed insofar as they are documented as such.

Tree species group	Harvest rate (EFm/Year)		
	Regular	Calamity	Total
ALH	80	0	80
Oak	55	0	55
Beech	904	0	904
ALN	357	0	357
Spruce	2.053	0	2.053
Fir	0	0	0
Douglas fir	0	0	0
Pine	1.347	0	1.347
Larch	0	0	0

### Net increment in the project

The net increment in the reference period is derived from the reported harvest quantity and the increment established during the initial certification.

	Harvest rate (EFm/Year)	EFm -> VFm	Harvest rate (VFm/Year)	Increment (VFm/Year)	Net increment (VFm/Year)
ALH	80	1,49	119	2.711	2.591
Oak	55	1,35	74	2.915	2.841
Beech	904	1,18	1.062	3.313	2.251
ALN	357	1,40	498	627	129
Spruce	2.053	1,25	2.558	359	-2.199
Fir	0	1,25	0	4	4
Douglas fir	0	1,32	0	614	614
Pine	1.347	1,31	1.766	579	-1.187
Larch	0	1,43	0	284	284
<b>Total</b>	4.796		6.078	11.406	5.328
<b>Average (/ha/Year)</b>	3,19		4,05	7,59	3,55

### GHG balance of the baseline scenario

GHG accounting is based on the net increments in the project and baseline scenarios. The difference is defined as additional stock and corresponds to the additionally accumulated tree biomass.

	Net increment		Additional stock		
	Project scenario [VFm]	Baseline scenario [VFm]	Additional stock [VFm]	KE factor	GHG balance [tCO <sub>2</sub> e]
	g	h	i = g - h	j	k = i * j * (44/12)
ALH	2.591	906	1.685	0,45	2.781
Oak	2.841	-1.003	3.844	0,38	5.356
Beech	2.251	-494	2.744	0,38	3.824
ALN	129	-57	185	0,30	204
Spruce	-2.199	38	-2.237	0,32	-2.625
Fir	4	1	3	0,26	3
Douglas fir	614	136	478	0,35	614
Pine	-1.187	-1.882	696	0,29	740
Larch	284	-168	452	0,32	530
<b>Total</b>	5.328	-2.523	7.851		11.427
<b>Average (/ha/Year)</b>	3,55	-1,68	5,23		7,60

<b>Additional stock</b>	[tCO <sub>2</sub> ]	k	<b>11.427</b>
<b>Leakage ( 5%)</b>	[tCO <sub>2</sub> ]	l	<b>571</b>
<b>Expected GHG balance</b>	[tCO <sub>2</sub> ]	m = k - l	<b>10.855</b>

### Certificate issuance

The issuance of ex-post eva certificates corresponds to the verified GHG balance of the project. The avoidance share results from the prevented stock reduction according to the baseline scenario (PDD).

Certificates		Count	Share
<b>Total</b>	m	10.855	100%
<b>Buffer</b>	p = m * 21%	2.297	21%
<b>Operator</b>	q = m - p	8.558	79%
<b>Avoidance</b>	n	2.500	23%
<b>Removal</b>	o = m - n	8.355	77%

## Permanence stock

The permanence stock corresponds to the stock level that must be maintained by the project operator during the crediting period to ensure the permanence of the eva certificates.

<b>Permanence stock (previous period) [VFm/ha]</b>	<b>Additional stock (current reference period) [VFm/ha]</b>	<b>New permanence stock [VFm/ha]</b>
325,45	5,23	330,67

## Signatures

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TÜV Rheinland Energy & Environment GmbH confirms that the project, as described on the eva online platform and assessed during the site visit, meets all criteria of the FCS without restrictions.

.....  
Date + Signature  
**Lead auditor**

.....  
Date + Signature  
**Approver**