

**General information**

|                   |                            |       |                                                        |
|-------------------|----------------------------|-------|--------------------------------------------------------|
| Remover name      | Anno van Giesbers          |       |                                                        |
| Project code      | PWWL002                    |       |                                                        |
| Project name      | Paulownia - Wieringerwaard |       |                                                        |
| Location          | Roemenië                   |       |                                                        |
| Startyear         | 2020                       |       |                                                        |
| Area              | 3.63                       | ha    |                                                        |
| Duration          | 10                         | years | estimated permanence of removal and storage            |
| Diversity holding | 20%                        |       | freed up when additional tree species are planted      |
| Holding pool      | 20%                        |       | freed up when measurements confirm projection pathways |
| Project emissions | 20%                        |       | LCA estimate, or specified when >20%                   |

**Per hectare**

|                    |     |         |                                                                       |
|--------------------|-----|---------|-----------------------------------------------------------------------|
| Baseline TEC       | 257 | tCO2/ha | Soil Organic Carbon and Above Ground Carbon, following CDM AR-ACM0003 |
| Reference capacity | 487 | tCO2/ha | Using CEDA and Soil sample data                                       |
| Storage potential  | 229 | tCO2/ha | Projection -/- baseline                                               |

**Per project**

|                       |     |      |                                                                        |
|-----------------------|-----|------|------------------------------------------------------------------------|
| Projected storage     | 832 | tCO2 | storage potential per ha x area x storage duration 100 year equivalent |
| LCA emissions         | 166 | tCO2 | project related emissions                                              |
| Net storage potential | 666 | tCO2 | project storage -/- emissions over 20 years                            |

**Removal credits issued**

|                        |     |       |                               |
|------------------------|-----|-------|-------------------------------|
| Credits first 10 years | 333 | units | 12/20 x net storage potential |
| Diversity holding      | 67  | units | 20%                           |
| Holding Pool           | 67  | units | 20%                           |
| Credits issued         | 199 | units |                               |

| Field Code | Field name   | Size (ha) | Owner             |  |
|------------|--------------|-----------|-------------------|--|
| 9a         | 9a paulownia | 3.63      | Wieringerwaard BV |  |

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| Carbon Calculation for  |         | PWWL002  |                                |          |         |          |         |          |         |          |
|-------------------------|---------|----------|--------------------------------|----------|---------|----------|---------|----------|---------|----------|
| Surface                 | 3.63    | ha       | <a href="#">Fields tab</a>     |          |         |          |         |          |         |          |
| Capacity Reference SOC  | 350     | tCO2e/ha | <a href="#">References tab</a> |          |         |          |         |          |         |          |
| Capacity Reference AGB  | 137     | tCO2e/ha | <a href="#">References tab</a> |          |         |          |         |          |         |          |
|                         |         |          |                                |          |         |          |         |          |         |          |
|                         | 2020    |          | 2025                           |          | 2028    |          | 2031    |          | 2034    |          |
| Measurement average     | 16.5    | SOC g/kg | #DIV/0!                        | SOC g/kg | #DIV/0! | SOC g/kg | #DIV/0! | SOC g/kg | #DIV/0! | SOC g/kg |
| Sample depth            | 30      | cm       | #DIV/0!                        | cm       | #DIV/0! | cm       | #DIV/0! | cm       | #DIV/0! | cm       |
| Calculation depth       | 30      | cm       |                                | 30       | cm      |          | 30      | cm       |         | 30       |
| Soil density            | 1.402   | g/cm3    | #DIV/0!                        | g/cm3    | #DIV/0! | g/cm3    | #DIV/0! | g/cm3    | #DIV/0! | g/cm3    |
| SOC (soil carbon) / ha  | 254     | tCO2e/ha | #DIV/0!                        | tCO2e/ha | #DIV/0! | tCO2e/ha | #DIV/0! | tCO2e/ha | #DIV/0! | tCO2e/ha |
| AGB (above ground) / ha | 3.01    | tCO2e/ha | #DIV/0!                        | tCO2e/ha | #DIV/0! | tCO2e/ha | #DIV/0! | tCO2e/ha | #DIV/0! | tCO2e/ha |
| Storage current         | 935     | tCO2e    | #DIV/0!                        | tCO2e    | #DIV/0! | tCO2e    | #DIV/0! | tCO2e    | #DIV/0! | tCO2e    |
| Storage capacity        | 1,767   | tCO2e    |                                | 1,767    | tCO2e   |          | 1,767   | tCO2e    |         | 1,767    |
|                         |         |          |                                |          |         |          |         |          |         |          |
|                         |         |          |                                |          |         |          |         |          |         |          |
|                         | storage | baseline | capacity                       |          |         |          |         |          |         |          |
| 2020                    | 935     | 935      | 1,767                          |          |         |          |         |          |         |          |
| 2025                    | #DIV/0! | 935      | 1,767                          |          |         |          |         |          |         |          |
| 2028                    | #DIV/0! | 935      | 1,767                          |          |         |          |         |          |         |          |
| 2031                    | #DIV/0! | 935      | 1,767                          |          |         |          |         |          |         |          |
| 2034                    | #DIV/0! | 935      | 1,767                          |          |         |          |         |          |         |          |

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|       |      |      |       |
|-------|------|------|-------|
| 0.496 | 41.8 | 20.9 | 0.496 |
| 0.495 | 42   | 21   | 0.495 |
| 0.494 | 42.2 | 21.1 | 0.494 |
| 0.493 | 42.4 | 21.2 | 0.493 |
| 0.492 | 42.6 | 21.3 | 0.492 |
| 0.491 | 42.8 | 21.4 | 0.491 |
| 0.49  | 43   | 21.5 | 0.49  |
| 0.488 | 43.2 | 21.6 | 0.488 |
| 0.486 | 43.4 | 21.7 | 0.486 |
| 0.484 | 43.6 | 21.8 | 0.484 |
| 0.482 | 43.8 | 21.9 | 0.482 |
| 0.48  | 44   | 22   | 0.48  |
| 0.478 | 44.2 | 22.1 | 0.478 |
| 0.476 | 44.4 | 22.2 | 0.476 |
| 0.474 | 44.6 | 22.3 | 0.474 |
| 0.472 | 44.8 | 22.4 | 0.472 |
| 0.47  | 45   | 22.5 | 0.47  |
| 0.469 | 45.2 | 22.6 | 0.469 |
| 0.468 | 45.4 | 22.7 | 0.468 |
| 0.467 | 45.6 | 22.8 | 0.467 |
| 0.466 | 45.8 | 22.9 | 0.466 |
| 0.465 | 46   | 23   | 0.465 |
| 0.464 | 46.2 | 23.1 | 0.464 |
| 0.463 | 46.4 | 23.2 | 0.463 |
| 0.462 | 46.6 | 23.3 | 0.462 |
| 0.461 | 46.8 | 23.4 | 0.461 |
| 0.46  | 47   | 23.5 | 0.46  |
| 0.458 | 47.2 | 23.6 | 0.458 |
| 0.456 | 47.4 | 23.7 | 0.456 |
| 0.454 | 47.6 | 23.8 | 0.454 |
| 0.452 | 47.8 | 23.9 | 0.452 |
| 0.45  | 48   | 24   | 0.45  |
| 0.448 | 48.2 | 24.1 | 0.448 |
| 0.446 | 48.4 | 24.2 | 0.446 |
| 0.444 | 48.6 | 24.3 | 0.444 |
| 0.442 | 48.8 | 24.4 | 0.442 |
| 0.44  | 49   | 24.5 | 0.44  |

