

# Pass NetZero Strategic Framework 2025

*For General Assembly Review and Approval*

## Vision

To advance environmental sustainability through research-driven, cost-effective carbon capture solutions, with a focus on developing nations.

## Strategic Priorities for 2025

### 1. Research Excellence & Knowledge Development

- **Cross-Environment Research Approach**
  - Investigate solutions across marine, brackish, and freshwater environments
  - Maintain broad scope to identify optimal solutions without ecosystem constraints
  - Focus on discovering synergies between different aquatic environments
  - Build comprehensive dataset to inform future pilot implementations
- **Research Partnerships & Governance**
  - *Current Partnerships*
    - Continue research programs with NUST and LUANAR
    - Implement research agreement with Botswana University (BU)
  - *Planned Expansion*
    - Initiate partnership process with Mozambique and Angola
    - Timeline dependent on local conditions and resource availability
  - *Conditional Development*
    - Uganda partnership contingent on fundraising success
    - Additional partnerships in Africa and other regions (e.g., Congo, Brazil, Indonesia, China, Thailand) to be considered only under very favorable funding scenario
- **Knowledge Framework Implementation**
  - Establish MOUs with current partners where needed to ensure alignment with open access goals
  - Develop clear protocols for data sharing
  - Create templates for future partnership agreements that prioritize knowledge sharing
  - Set up systems for proper attribution of partner contributions
  - Balance open access principles with partner institution requirements

### 2. Operational Development

- **Financial Framework**
  - Planned expenditure targets:
    - Core scenario: ~43,000€ (unfavorable)
    - Target scenario: ~61,000€ (realistic)
    - Growth scenario: ~111,000€ (favorable)
    - Maximum scenario: ~201,000€ (very favorable)
  - Maintain 5% emergency reserve
  - Build strategic reserve scaling with scenario success
  - Cap total funds (including reserves) at 412,000€
- **Resource Allocation**
  - Research allocation: 65-72% based on scenario
  - Administrative costs: 20-27%
  - Marketing/communication: scaling with fundraising success

### 3. Partnership Development

- Focus on academic partnerships for 2025 research phases
- Build relationships with environmental authorities in target regions
- Engage with local communities and stakeholders at research sites
- Begin identifying potential implementation partners for future phases

## Key Milestones 2025

### Research Implementation

- NUST: Begin Phase 2 testing in Q1 to cover multiple seasonal cycles
- LUANAR: Progress according to academic year timeline
- Continue literature review and knowledge development throughout all phases
- Potential new partners: Initiate research based on individual partnership agreements

### Documentation & Fundraising

- Q1-Q2: Complete essential documentation and communication materials
- June 2025: Launch major fundraising initiatives
- Q3-Q4: Evaluate fundraising progress and adjust strategy as needed

## Key Performance Indicators

1. **Research Progress**
  - Completion of planned research phases
  - Quality of research outputs
  - Data collection and analysis achievements
2. **Financial Health**
  - Achievement of planned expenditure targets

- Maintenance of research/administrative cost ratio
- Reserve levels established
- 3. **Partnership Development**
  - Number of active research partnerships
  - Quality of research collaboration
  - Level of local engagement at research sites

## **Risk Management**

- Maintain 5% emergency reserve
- Account for currency fluctuations in international operations
- Regular review of research progress and alignment
- Geographic diversification of research activities

*This framework focuses on 2025 priorities while building foundations for future development. Subject to annual review and adjustment based on research outcomes and organizational learning.*

# Pass NetZero Budget 2025

## Multi-scenario Financial Planning

Scenario	Planned Expenditure (€)	Total Funds Raised (€)	Research (%)*	Operations (%)*
Very Unfavorable	~43,000	~65,000	65.7%	27.4%
Realistic	~61,500	~92,000	66.5%	26.5%
Realistic Favorable	~111,000	~167,000	71.5%	20.1%
Very Favorable	~205,000	~412,000	71.8%	20.6%

## Research Allocation

- NUST Phase 2
- LUANAR Phase 2
- BU Phase 1 & 2
- New Research Initiatives

## Operational Expenses

- Core Team Compensation
- Communication & Marketing
- Administrative Costs
- Insurance & Fees

## Reserves

- 5% Emergency Reserve
- 6-months Strategic Reserve \*
- 1.5% Banking fee Buffer

\* All figures are estimates and subject to currency exchange variations

\* Banking fees estimated at 1.5% of transactions

\* Strategic reserve increases to 1-year coverage in very favorable scenario

# Financial Statement and Budget Details

## 2024 Financial Statement (in euros)

### Operational Expenses

- Communication:
  - Website: 90
- Core Team:
  - Core team compensation: 1,160
- Research Provision:
  - NUST (phase 1): 5,000
  - LUANAR (phase 1): 2,725
- Administrative:
  - Banking fees\*: 116

**Total Expenses: 8,975**

\*Estimation considering 1.5% banking fees

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## 2025 Budget Scenarios (in euros)

### Scenario 1: Unfavorable

*Hypothesis: no fund raised (personal contribution)*

**Planned Expenditure: ~43,029 or ~46,875**

- Communication:
  - Website: 90
  - Google Workspace Pro: 144
- Core Team:
  - Core team compensation: 6,960
  - Additional team member: 4,608
- Administrative:
  - Liability insurance: 500
  - Banking fees\*: 424
- Research Provision:
  - NUST (phase 2): 10,000
  - LUANAR (phase 2): 5,450

- Mozambique (phase 1): 2,565
- Angola (phase 1): 2,565
- Alternative: BU (phase 1 and 2): 7,694 or 11,540
- Emergency reserve (5%): 2,029

*Strategic reserve: 21,514*

**Total Funds Required: ~64,543 or ~70,312**

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## **Scenario 2: Realistic**

*Hypothesis: ~92,000 euros raised*

**Planned Expenditure: ~61,429 or ~65,275**

- Communication:
  - Website: 90
  - Google Workspace Pro: 144
  - Marketing tools/ads: 900
- Core Team:
  - Core team compensation: 6,960
  - Additional team member: 4,608
  - Commissions: 3,600
- Administrative:
  - Liability insurance: 750
  - Banking fees\*: 613
- Research Provision:
  - NUST (phase 2): 10,000
  - LUANAR (phase 2): 5,450
  - Mozambique (phase 1): 2,565
  - Angola (phase 1): 2,565
  - Uganda (phase 1): 2,565
  - New researches: 10,000
  - Alternative: BU (phase 1 and 2): 7,694 or 11,540
- Emergency reserve (5%): 2,925

*Strategic reserve: 30,714*

**Total Funds Required: ~92,143 or ~97,912**

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## **Scenario 3: Realistic Favorable**

*Hypothesis: ~170,000 euros raised*

**Planned Expenditure: ~111,081 or ~111,927**

- Communication:
  - Website: 90
  - Google Workspace Pro: 144
  - Marketing tools/ads: 1,700
  - Additional budget: 2,400
- Core Team:
  - Core team compensation: 6,960
  - Other team member: 4,608
  - Commission: 6,800
- Administrative:
  - Liability insurance: 1,000
  - Banking fees\*: 1,213
- Research Provision:
  - NUST (phase 2): 10,000
  - LUANAR (phase 2): 5,450
  - Mozambique (phase 1): 2,565
  - Angola (phase 1): 2,565
  - Uganda (phase 1): 2,565
  - New researches: 50,000
  - Alternative: BU (phase 1 and 2): 7,694 or 11,540
- Emergency reserve (5%): 5,327

*Strategic reserve: 56,540*

**Total Funds Required: ~167,621 or ~172,390**

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## **Scenario 4: Very Favorable**

*Hypothesis: ~410,000 euros raised; strategic reserve increased to 1 year*

**Planned Expenditure: ~200,991 or ~204,837**

- Communication:
  - Website: 90
  - Google Workspace Pro: 144
  - Marketing tools/ads: 4,100
  - Additional budget: 9,600
- Core Team:
  - Core team compensation: 6,960

- Other team member: 4,608
  - Commission: 16,400
- Administrative:
  - Liability insurance: 1,500
  - Banking fees\*: 2,188
- Research Provision:
  - NUST (phase 2): 10,000
  - LUANAR (phase 2): 5,450
  - Mozambique (phase 1): 2,565
  - Angola (phase 1): 2,565
  - Uganda (phase 1): 2,565
  - New researches: 115,000
  - Alternative: BU (phase 1 and 2): 7,694 or 11,540
- Emergency reserve (5%): 9,562

*Strategic reserve: 202,991*

**Total Funds Required: ~403,982 or ~411,674**

## **Notes**

- All banking fees estimated at 1.5% of transactions
- Currency exchange rates considered as of 12/23/24, actual figures may differ
- Strategic reserve scales with scenario, reaching 1:1 with annual expenditure in very favorable scenario
- Emergency reserve maintained at 5% of planned expenditure across all scenarios