TERRRA

www.terrra.one | sales@terrra.one

NbS Removals at Engineer-Grade Quality

Integrity Problem We Solve:

Most nature-based credits rely on episodic, model-heavy measurement that can miss variability and methane tradeoffs.

Our Approach

TERRRA runs continuous on-site IoT measurement of GHG flux to quantify net mass sequestered, including methane. This is the best scientific method which was too expensive until now.

The flux on-site real time mass-balance is the cornerstone for our end-to-end automated platform.

Our projects convert marginal farmland on drained wetlands. Those lands are excellent for high-yield, long-permanence carbon sequestration, and it support biodiversity.

Continuous on-site GHG flux (CO_2 + CH_4) measurement reduces uncertainty vs periodic manual sampling

- ✓ **VCS Verified**
  Verra VM0042 designed, CRCF aligned
- ✓ **CCP-Aligned**
  ICVCM Core Carbon Principles
- ✓ **Co-Benefits**
  SD VISta (Nature Certified)
- ✓ **Scientific-Grade Precision**
  Real-time GHG mass balance
- ✓ **Automated dMRV Pipeline**
  Eliminates human error
- ✓ **Durable Removals**
  Millennial-scale permanence
- ✓ **Proven in the Field**
  Measured for more the 3 years
- ✓ **Scaleable**
  340M Ha. world wide ~ 3Gt CO2e/y

Proven In The Field:

✓ **First project in Israel** is measured more than 3 year, and now being replicated in Tuscany, Italy.

✓ **$30M letter of intent** from a London-traded energy company.

✓ **Trusted by buyers and marketplaces**; credits have sold at premium prices.

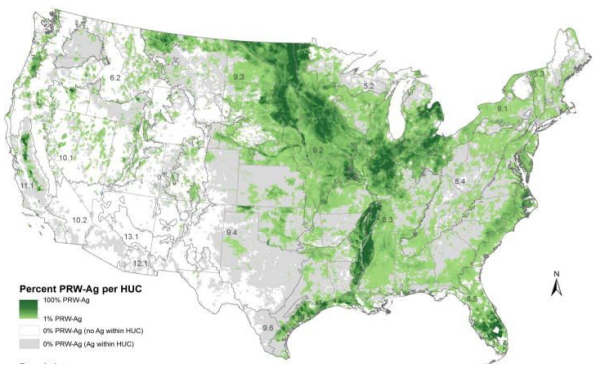
Kornit Digital ADM bank hapoalim cloverly

Leadership: **Yuval Lavi**, CEO • **Regev Harush**, COO • Dr. **Eyal Gal,CTO** Advisory: **Adina Paytan**, PhD (UC Santa Cruz) • **Shimon Rachmilevitch**, PhD (BGU, Head of Climate School) • **Boaz Nishri**, PhD (Fluid Mechanics) • **Yoav Rosenberg**., PhD (Geological Survey of Israel)

Additional Benefits

Impact: Located near migrating bird flyways, our sites provide vital feeding and resting habitat.

Scalability: Our technology replaces manual labor, paired with low alternative land-use value, enables efficient scale-up



Study by Horvath et al. mapped 113M acres in contiguous U.S. for land with potential to yield up to 900M CO2e annually

Designed to meet today's VCS standards and tomorrow's CCP (Core Carbon Principles) expectations