Nature Based Solutions in Farmland Ecosystems

**SERVICES PROVIDED** by the ecosystem

- Agricultural ecosystems provide humans with **FOOD, FORAGE, BIOENERGY AND PHARMACEUTICALS** and are essential to human wellbeing
- Diversified farmlands are **CRITICAL** to maintaining biodiversity and ecosystem and environmental health

**Relevance to FINANCIAL INSTITUTIONS**

- Agricultural production processes are **HIGHLY DEPENDENT** on ecosystem services like climate control, storm protection, soil and water quality
- **US FARMLAND VALUE** has increased by approx **500%** **FROM 1990 TO 2019**
- Mobilising financial flows to **FARMLANDS AND AGRICULTURAL MANAGEMENT** can help tackle **GENDER INEQUALITY**

**BENEFITS OF INVESTING** in this ecosystem

- Regenerative agriculture can help create **SUSTAINABLE** food production and achieve net-zero
- **INVESTMENTS IN** farmlands can achieve attractive total **RETURNS** and a hedge against inflation
- High-quality soils **LEAD TO** higher mean crop yield and higher yield stability

Sources: FAO, Nature Conservancy, ENCORE, TIAA Center for agricultural research, BCG and Nature Climate Change