Proposed Adaptation

Somerset Wildlife Trust

ADAPTATION FUTURES 2025
ACCELERATING ADAPTATION ACTION

Description (What problem will you try to solve? How will you do this? Who does it help?)

How the solution rates against the following criteria (Rate 1-5. 1 = Poor, 5 = Excellent)

		Comments
Community Ownership *Will local people control this from design to long-term management?*	/5	
Climate Effectiveness *How much will this reduce vulnerability to climate impacts?*	/5	
Financial Sustainability *Can this survive without ongoing external funding?*	/5	
Local Capacity *Do people have the skills, time and resources to make this work locally?*	/5	
Equity & Inclusion *Does this reach the most vulnerable and share benefits fairly?*	/5	

Key resources needed (People, materials, permissions)

Who would champion this locally? (Name specific persons, groups or organisations)

Estimated Cost

- ◯ 0-1,000 NZD
- ◯ 1,000-2,000 NZD
- ◯ 2,000-7,000 NZD
- ◯ 7,000-12,000 NZD

Time to Implement

- ◯ Under 3 months
- ◯ 3-6 months
- ◯ 6-12 months
- ◯ 12+ months

Biggest risks to success

How to overcome these

Co-Benefits (health, nature, jobs, cohesion, etc.)

Proposed Adaptation

Community Orchard/tree planting

Somerset Wildlife Trust

ADAPTATION FUTURES 2025
ACCELERATING ADAPTATION ACTION

Description (What problem will you try to solve? How will you do this? Who does it help?)

This project will reduce flood risk and increase biodiversity by establishing a community orchard or planting native trees. Trees will slow surface water runoff, improve soil absorption, and provide wildlife habitat. Volunteers and community groups will select tree species, prepare the site, and manage maintenance. Benefits include reduced flood vulnerability, green space for activities like apple pressing, and stronger connections to nature.

How the solution rates against the following criteria (Rate 1-5. 1 = Poor, 5 = Excellent)

		Comments
Community Ownership *Will local people control this from design to long-term management?*	4 /5	If supported by community groups
Climate Effectiveness *How much will this reduce vulnerability to climate impacts?*	2 /5	Limited flood mitigation unless planted at scale in key locations. Mainly biodiversity benefits.
Financial Sustainability *Can this survive without ongoing external funding?*	4 /5	Yes, with support from volunteers 'pay what you can' option for food
Local Capacity *Do people have the skills, time and resources to make this work locally?*	2 /5	Training would be needed initially depending on local knowledge/skills
Equity & Inclusion *Does this reach the most vulnerable and share benefits fairly?*	4 /5	Yes - open to all - could involve community days - eg. apple pressing

Key resources needed (People, materials, permissions)

Land secured, finances available, volunteers to implement plan, knowledge of tree planting - variety, time of year to plant.

Who would champion this locally? (Name specific persons, groups or organisations)

Working volunteer group, promoted through community groups and local engagement

Estimated Cost

- ( ) 0-1,000 NZD
- ( ) 1,000-2,000 NZD
- (X) 2,000-7,000 NZD
- ( ) 7,000-12,000 NZD

Time to Implement

- ( ) Under 3 months
- (X) 3-6 months
- ( ) 6-12 months
- ( ) 12+ months

Biggest risks to success

- Getting landowner permission
- Extreme weather conditions
- Sourcing appropriate resilient tree species

How to overcome these

- Utilise local knowledge for land sourcing
- Make sure land is in suitable position
- Source knowledge for correct planting

Co-Benefits (health, nature, jobs, cohesion, etc.)

Increases biodiversity, could lead to job creation for locals, brings cohesion to the community