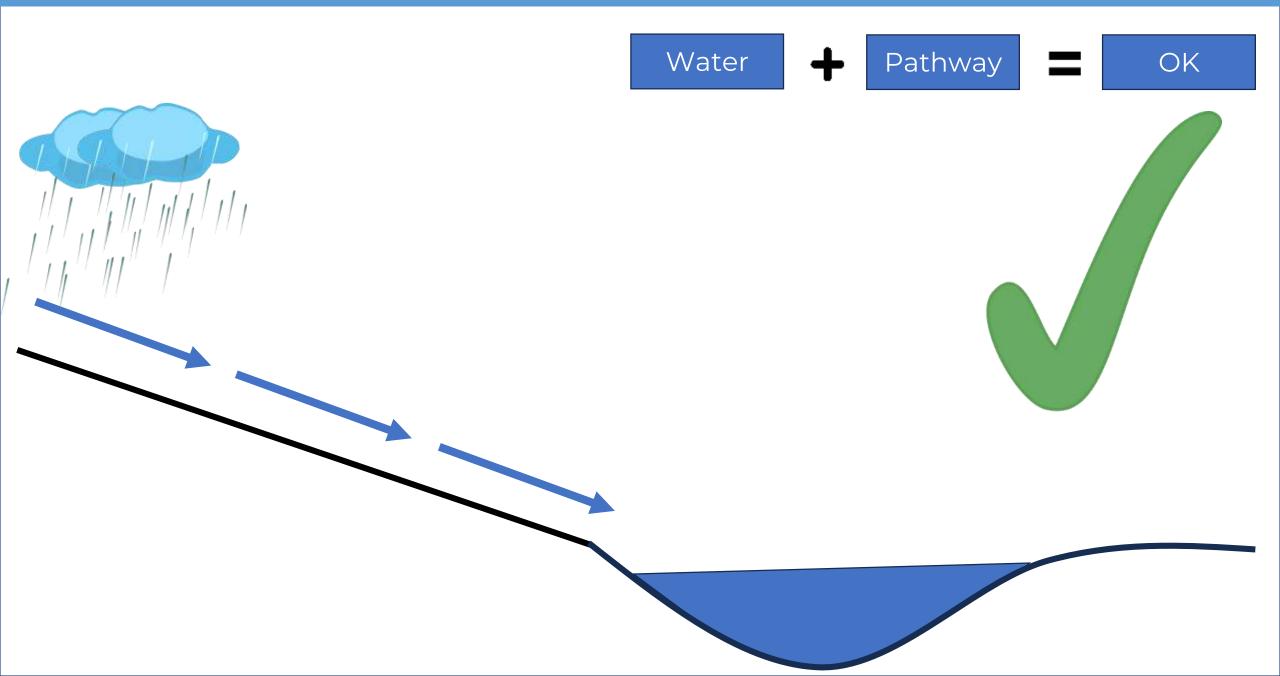


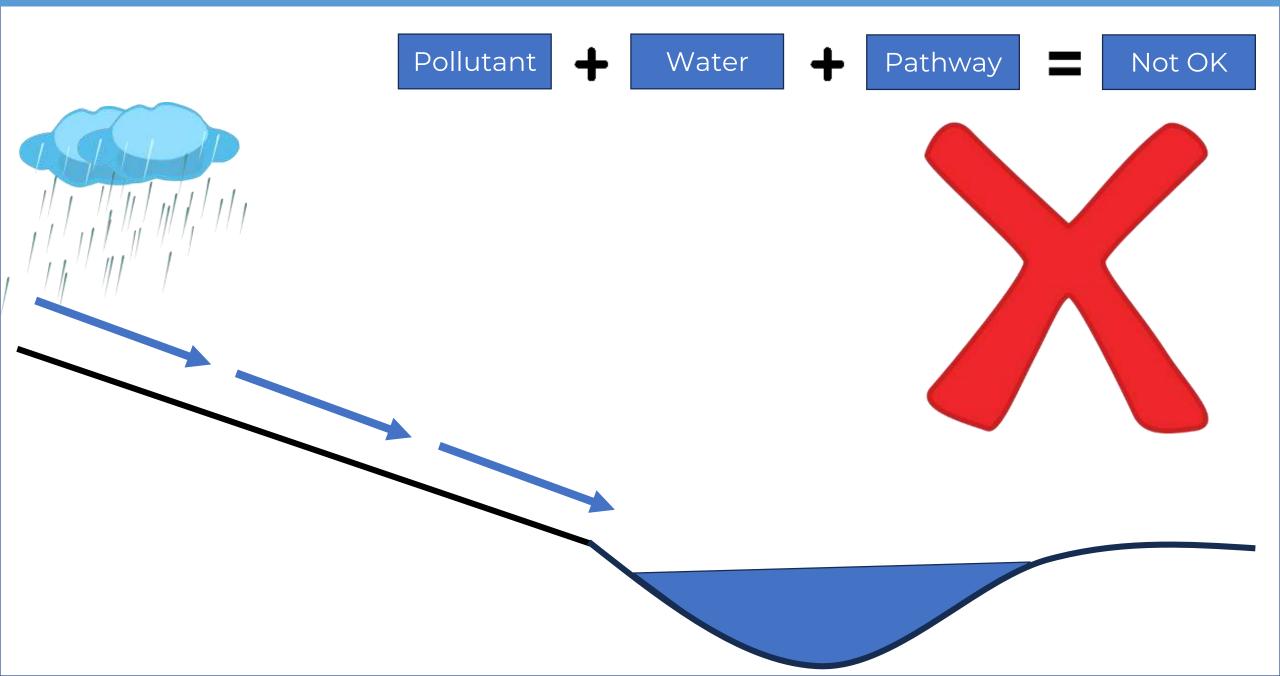
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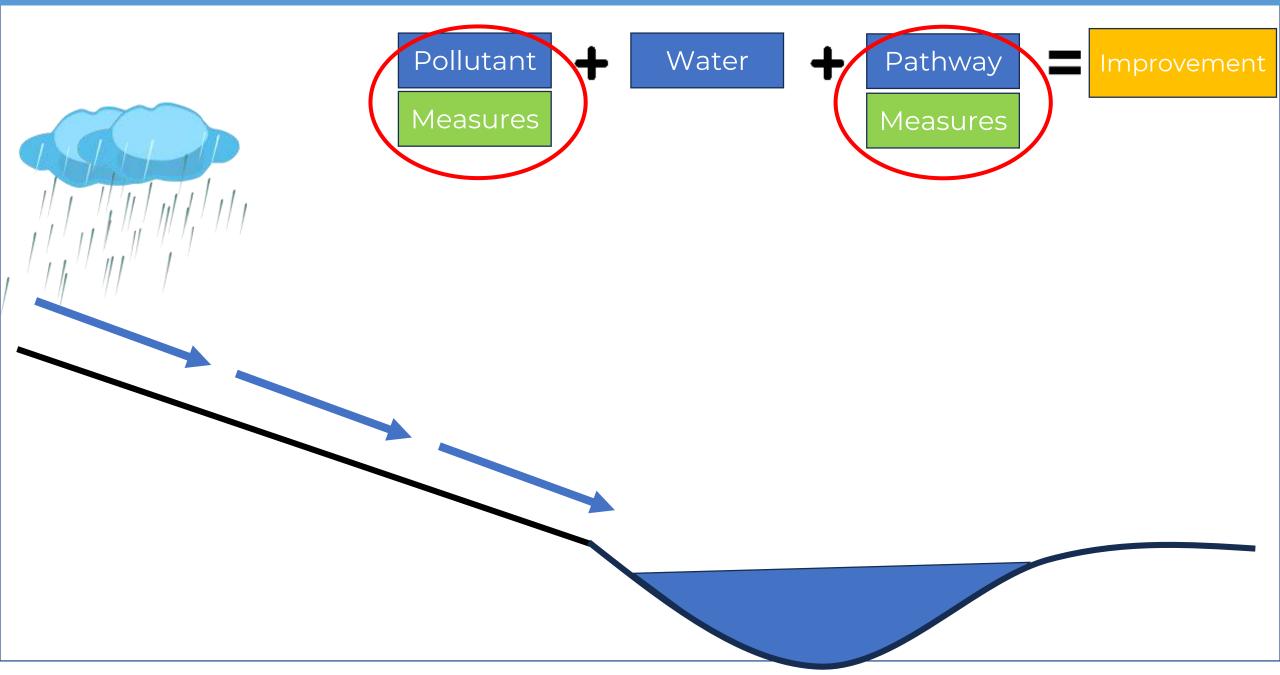
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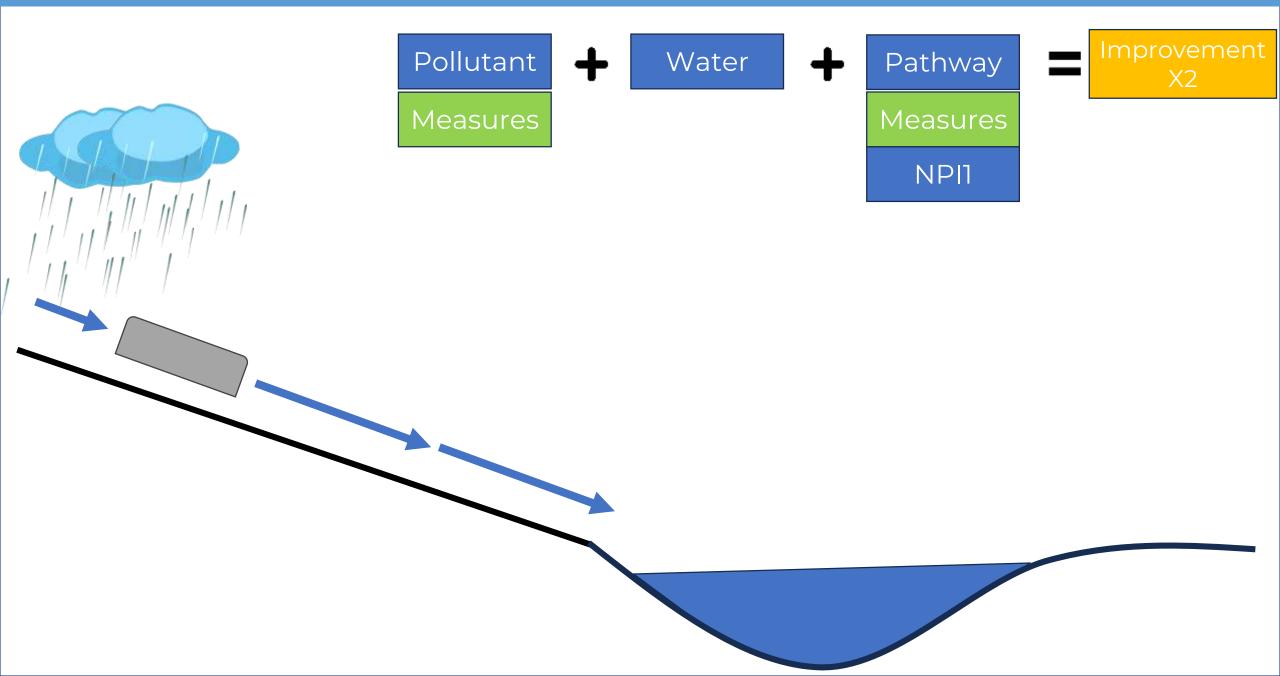


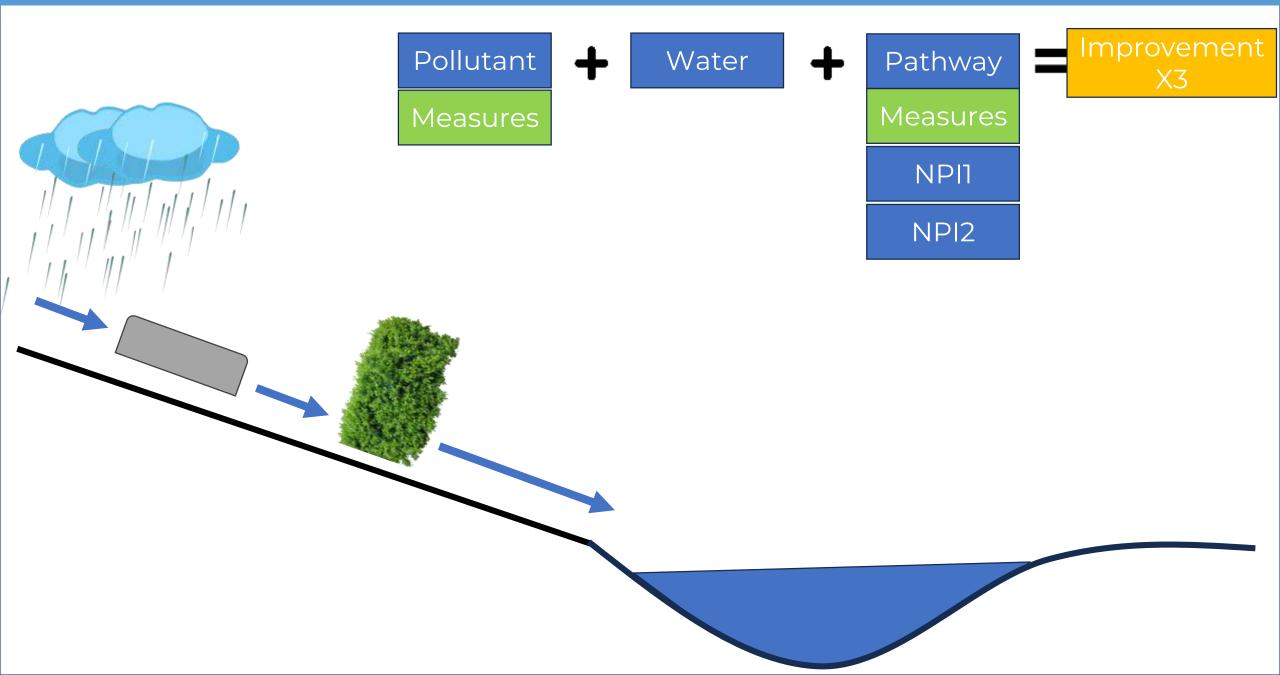


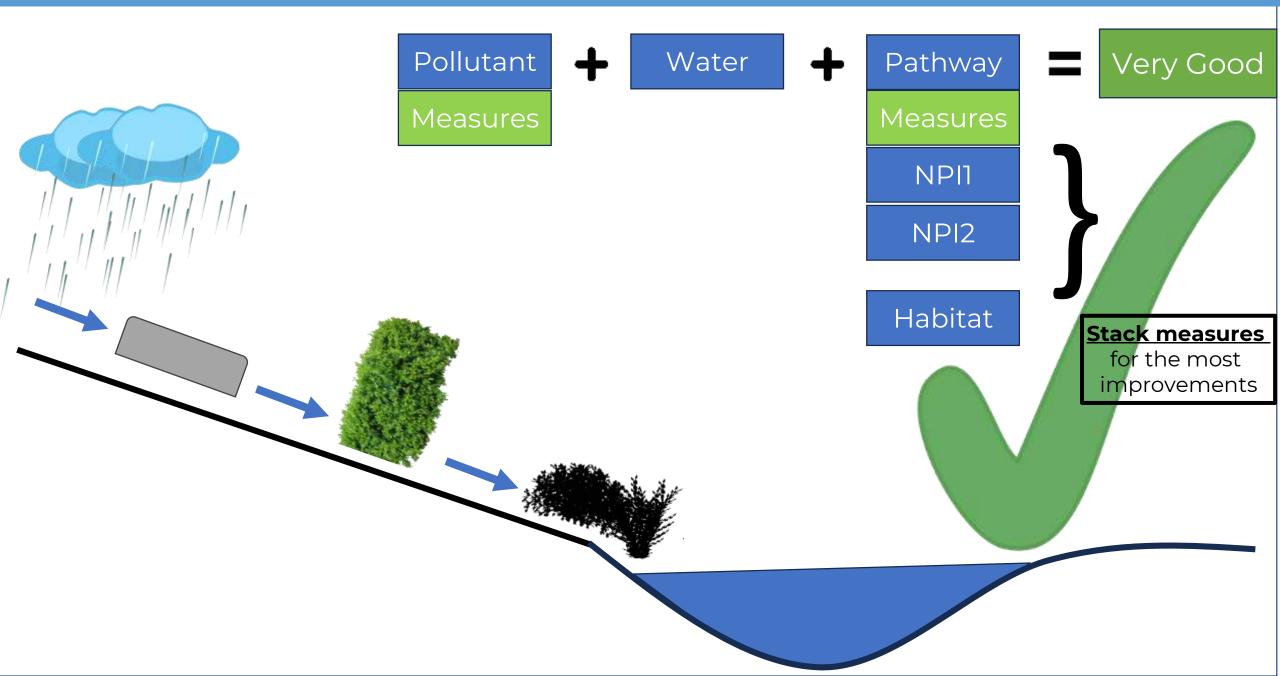












#### Pathway Interception Actions

- Water Bars
- Vegetated bunded drain
- Earth bund
- Sediment trap
- Hedgerow establishment (Cross Slope on Earth bund)
- Grassland buffer (Cross-slope)
- Spatially-targeted riparian buffer zone







#### Pathway Interception Actions

- Tree planting (General)
- Willow bed
- Small-scale Wetland Pond
- Decommissioning historic subsurface drainage

#### Water Crossing

- River / Stream crossing / bridge
- Drain crossing / culvert







#### Water Provision

- Solar Pumps
- Water storage Tank (supplementarytype water)
- Pasture Pumps / hydraulic ram pump
- Water troughs
- Alternative water supply piping and fittings







#### Farm Infrastructure

- Sheep fence
- Barbed wire fence
- Permanent electric fence
- Deer fence
- Solar Powered Electric Fencer
- Gateway Measures

#### Bespoke Measures – Contractor Mobilisation

- Bespoke Measure
- Contractor Mobilisation





#### Pathway Interception Actions

- Grassland buffer (cross slope)
- Fenced
- 3m width
- Unfertilised
- NOT farm tracks
- €5.45/m









#### Pathway Interception Actions

- Vegetated bunded drain
- Slow the flow
- Allows sediment settle
- NOT to be used as livestock crossing
- €1000/ vegetated bunded drain
- Min 20m max 50m



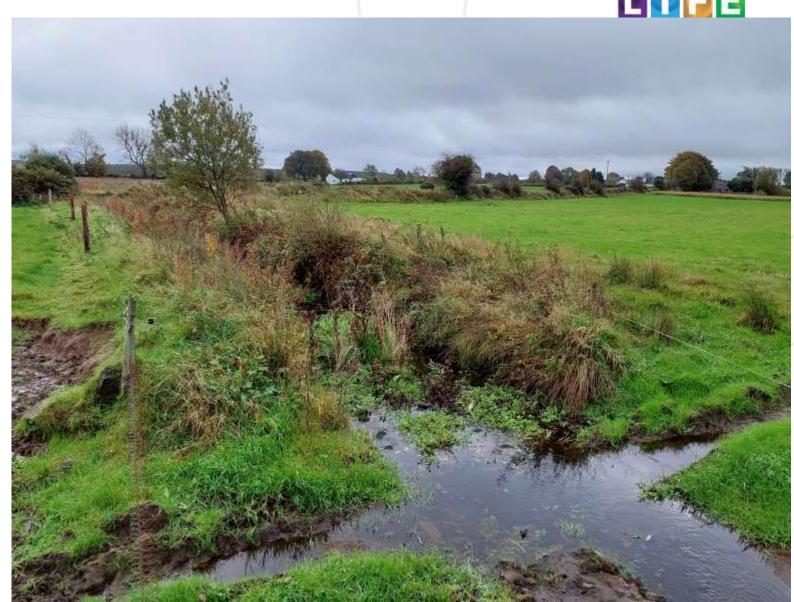
#### Water Crossing Actions

Waters of

River/Stream crossing/bridge

 Waters of LIFE team led design

• 50% of cost of bridge installation up to a max of €5000



#### Water Provision Actions

# Waters of

### Solar Pump

- Permanently fenced surround
- Ensure adequate supply in well
- €2,500/unit;
- Max 2 units



#### Water Provision Actions

#### Water troughs

- Placed 20m from surface waters
- Solid, level surface
- Multiple troughs in field to allow rotational grazing
- Up to €300/unit
- Piping & fittings paid extra to trough





#### Farm Infrastructure Actions



- Sheep fence
- Barb wire
- Permanent electric
- If replacing old fence, new fence has to move at least 2m more into field
- Fence must be fit for purpose



#### Farm Infrastructure Actions



#### Gateway measures

- Re-route existing gates on the farm away from watercourses
- Close off old entrance with similar material to what exists in the area
- €360/unit



#### Bespoke Measures



 Individual or group of farmers may have innovative idea to improve water quality





#### Contractor Mobilisation



- Cover cost of machinery transport for specific supporting actions
- One-off payment (€200)
- (list all measures that need an excavator)

- 1. Hedgerow Establishment cross slope on low earthen mound
- 2. Small Scale Wetland Pond
- 3. Earthen Bund
- 4. Water Bars
- 5. Sediment Traps
- 6. Watercourse Crossing/Bridges
- 7. Gateway Relocation
- 8. Willow Filter Beds
- 9. Vegetated Bunded Drain
- 10. Decommissioning Historic subsurface drainage





## Supporting Actions Application

#### How to apply

- Farm advisor applies
- Phone app
- Hard drive dashboard
- Online webinar planned to go through setup and usage
- Available to both farm advisor &
- <sup>1</sup> farmer











## Screening Supporting Actions

#### What is screening and how will it work

 Screening is the process of determining the appropriateness of farm actions by considering environmental sensitivities



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