

What's in a farm plan?

How can we **work together** to
deliver the **needed content**?

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Farm Plans

Can we do it?
Yes we _____,
if we _____!



Farm Plans

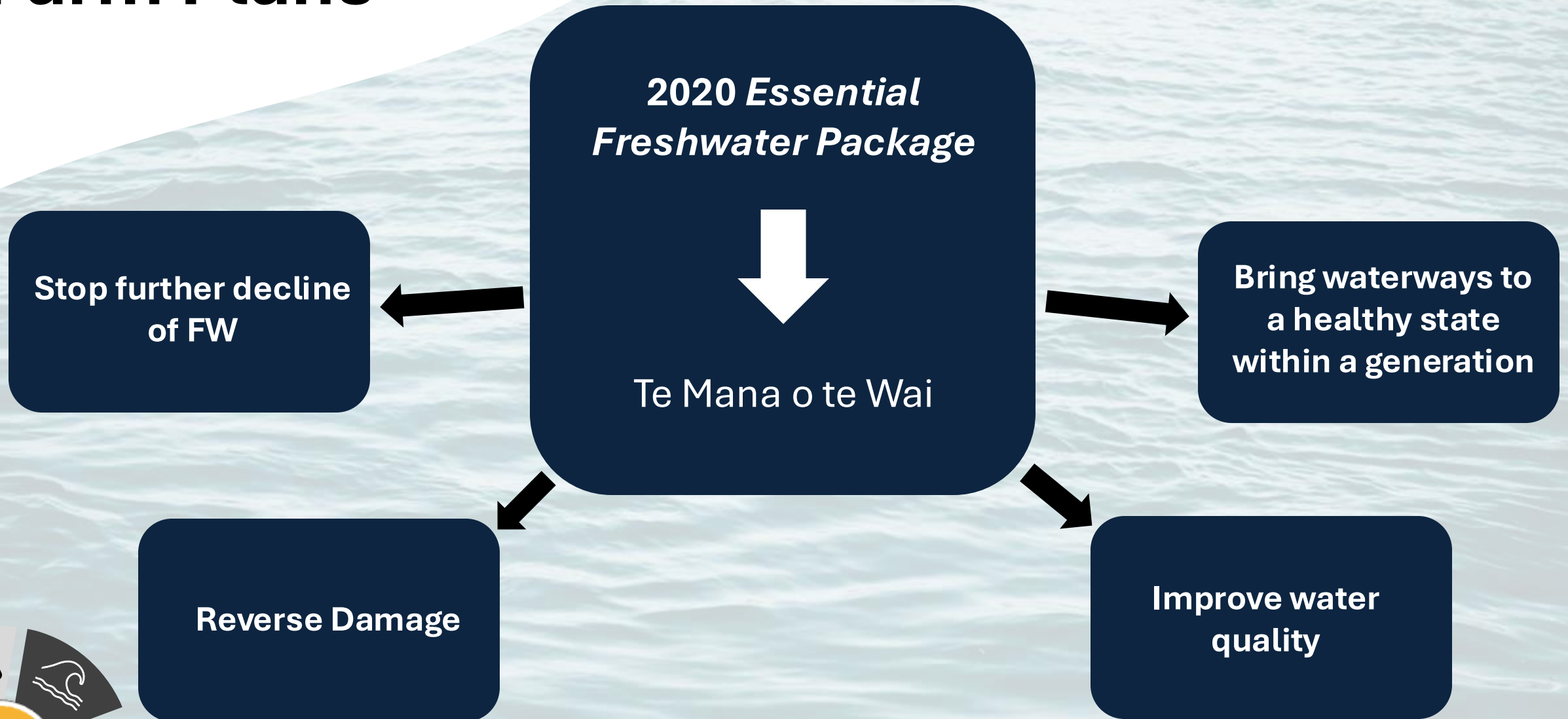
***2020 Essential
Freshwater Package***



Te Mana o te Wai



Farm Plans



Farm Plans Requirements



Provide Catchment
Context Info



Farm Plans Requirements



Provide Catchment
Context Info



Describe
Farming/Growing
(activities)



Farm Plans Requirements



Provide Catchment
Context Info



Describe
Farming/Growing
(activities)



Identify Inherent
Vulnerabilities
(land)



Farm Plans Requirements



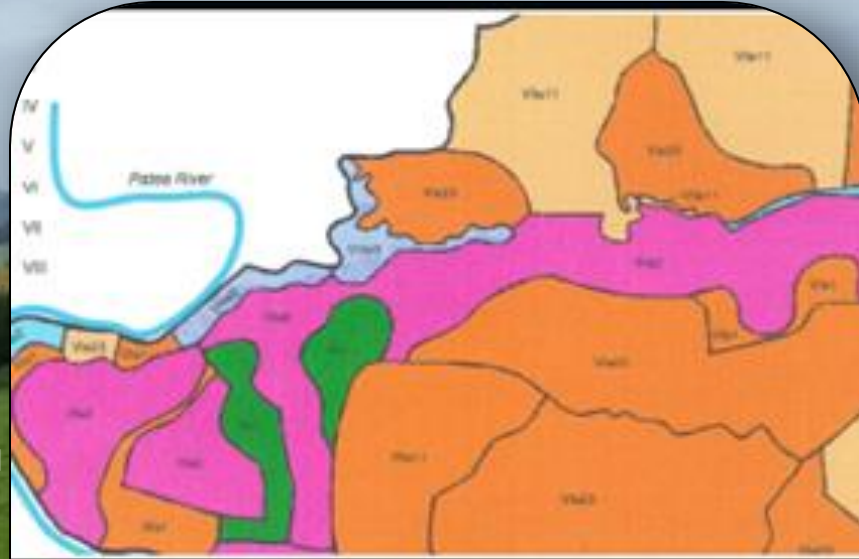
Provide Catchment
Context Info



Describe
Farming/Growing
(activities)



Identify Inherent
Vulnerabilities
(land)



Produce
Maps



Farm Plans Requirements



Provide Catchment
Context Info

+



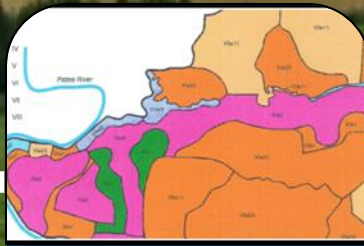
Describe
Farming/Growing
(activities)

+



Identify Inherent
Vulnerabilities
(land)

+



Produce
Maps

Identify and
assess the
risks to
surface water

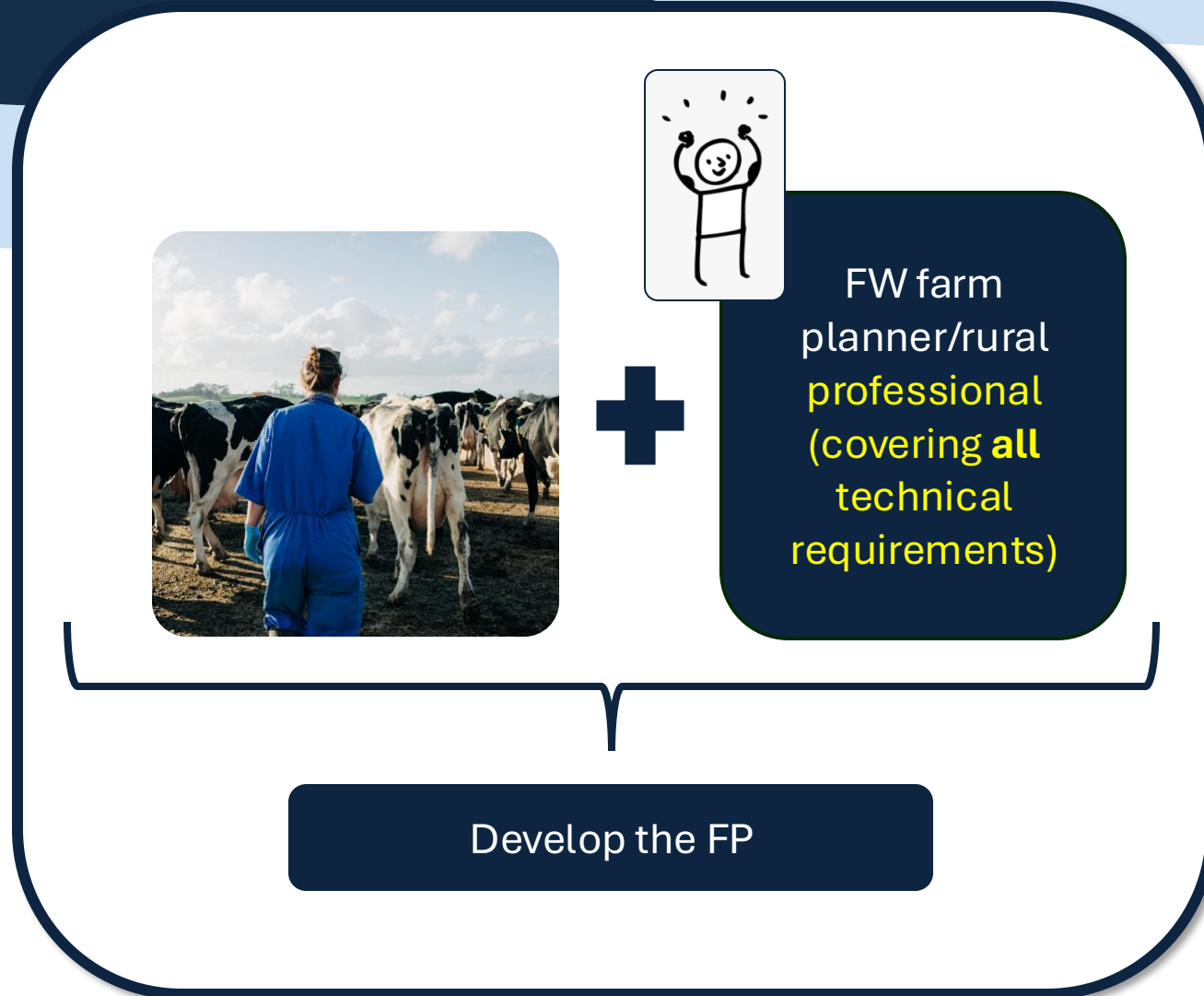


Actions to
avoid, remedy
or mitigate
effects on
surface water
(Action plan)



Farm Plans

Who is involved/who can prepare - options



Farm Plans

Who is involved/who can prepare - options



FW farm
planner/rural
professional
(covering **all**
technical
requirements)

Develop the FP

or



FW farm
planner/ rural
professional

**Specialists -
technical skills**

**Specialists -
technical skills**

Develop the FP



Does the farmer or the farm planner have time?

Does the farmer/farm planner have the necessary technical skills (**capacity and competency**)?

What is the most efficient use of a limited budget?

Can we deliver content to the technical level anticipated?

Is there consistent guidance from RC?

Are there opportunities for FPs to be developed at a catchment level?

What is the technical content needed?

Ensuring practical action plans

How do we integrate with RC FPs?

Is the bar the same between and within councils?

Challenges



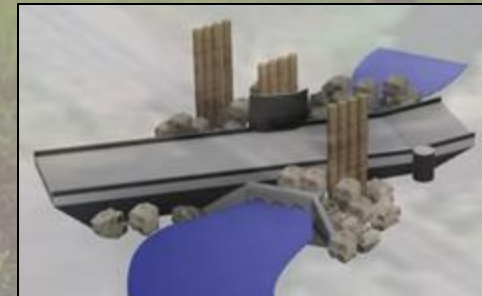
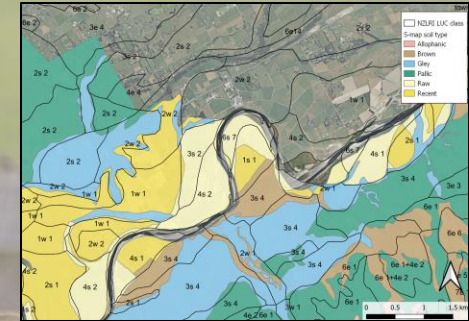
If we work as a **team**...

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graph LR; FO[Farm operator] --> FP[Farm planner = Project manager]; FP --> STS[Specialist - technical skills]; STS --> NB[Nutrient budgeting - Overseer]; STS --> ED[Engineering design]; STS --> SLA[Soil and LUC assessments]; STS --> GE[Geological and erosion assessment]; STS --> SM[Slope mapping]; STS --> CC[Catchment coordination]; NB --> MO[Mitigation options]; ED --> MO; SLA --> MO; GE --> MO; SM --> MO; CC --> MO; MO --> FO;
```

The diagram illustrates a collaborative team approach for farm mitigation. The process starts with a **Farm operator** and a **Farm planner = Project manager** feeding into a **Specialist - technical skills** box. This specialist then branches into six areas: **Nutrient budgeting - Overseer**, **Engineering design**, **Soil and LUC assessments**, **Geological and erosion assessment**, **Slope mapping**, and **Catchment coordination**. All these lead to **Mitigation options**, which then feeds back into the **Farm operator**.

On the right side of the slide, there are three small inset images:

- A topographic map showing land contours and elevation.
- A map showing land use/cover (LUC) classes, including agricultural, forest, and urban areas.
- A 3D model of a farm structure, possibly a silage clamp or a similar agricultural feature.



Summary



Summary

Farm plans are here – we need to do them



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Do we have the capacity in the industry?
Do we have the competency in the industry?



Summary

Farm plans are here – we need to do them

Do we have the capacity in the industry?
Do we have the competency in the industry?

We have challenges with a consistent story

- Content
- Timing



Summary

Farm plans are here – we need to do them

Do we have the capacity in the industry?
Do we have the competency in the industry?

We have challenges with a consistent story

- Content
- Timing

How about we work together:

- Allows the use of specialist skills
- Pulls expertise and capacity from other industries/areas



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