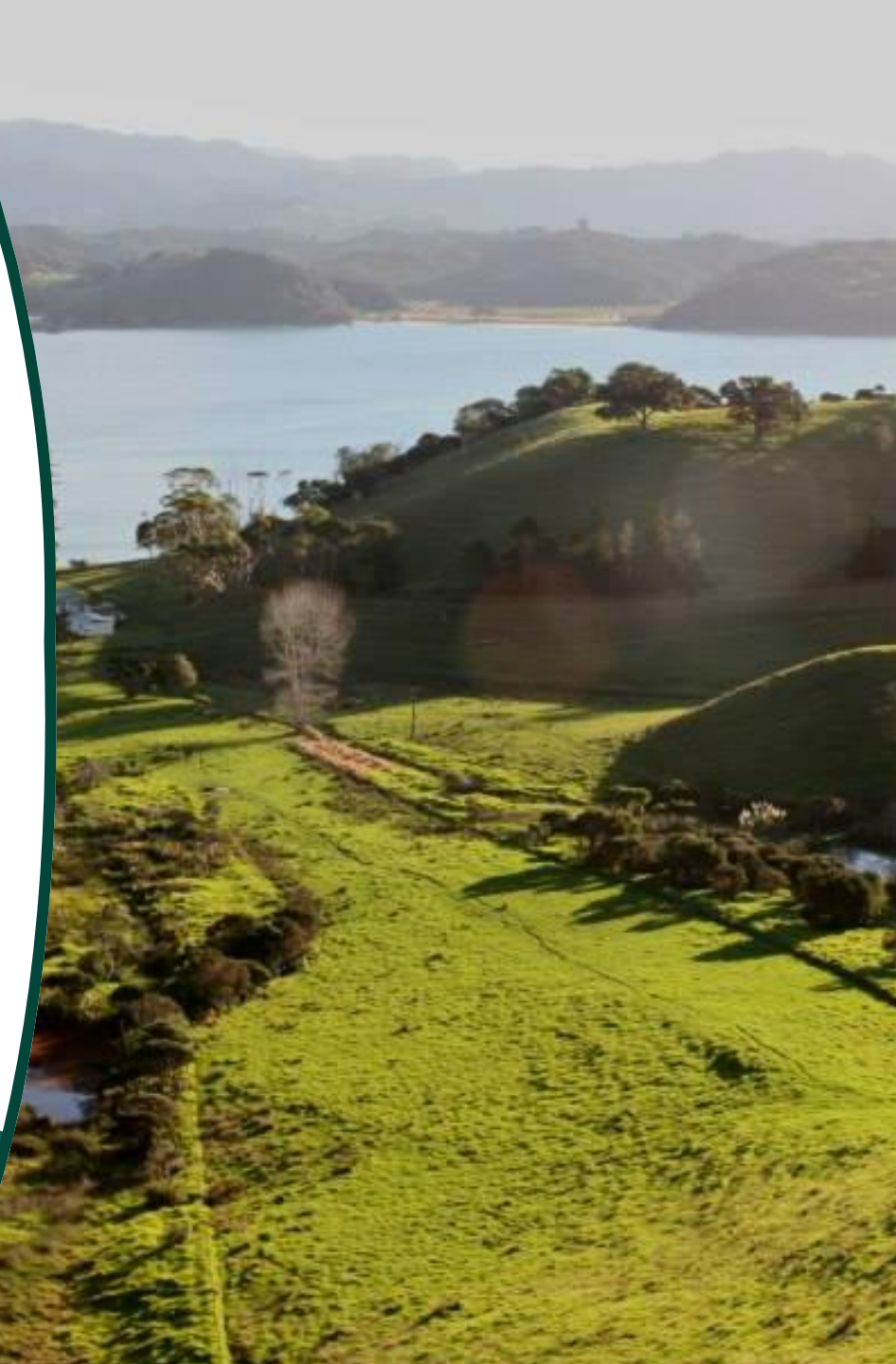


NRC Update: NDDT 2019: Managing our hills to our harbour

Duncan Kervell : Environmental Services
Department : Deputy Group
Manager/Land Programme Manager



1. Issues
2. Situation
3. What is coming up.
4. Assistance and funding



The regional issues

1. Erosion and sediment (fresh water to harbour)
2. Faecal Pathogens (freshwater): swimming and health.
3. Biodiversity (terrestrial /wetland loss)
4. Biosecurity: animal/weed/marine and incursions.



Northland Regional Priorities

1. Tackling hill country erosion
2. Reducing streambank erosion
3. Promoting and assisting “Good Farming Practice”
4. Helping match land use with land capability
5. Maximising reliability of water and



NRC Responsibilities

Include:

- Water quality / quantity
- Catchment management
- Land management
- Biosecurity
- Biodiversity





**“If we fail to
plan
We plan to fail”**



- Farm environment plans
- Catchment plans
- Biodiversity and pest control plans
- Afforestation / planting plans




NRC Work to Date: All Sectors

- 900 Farm environment plans (FEPs) over 175,000 ha
- \$5.6 M grants to farmers provided over 1200 applications

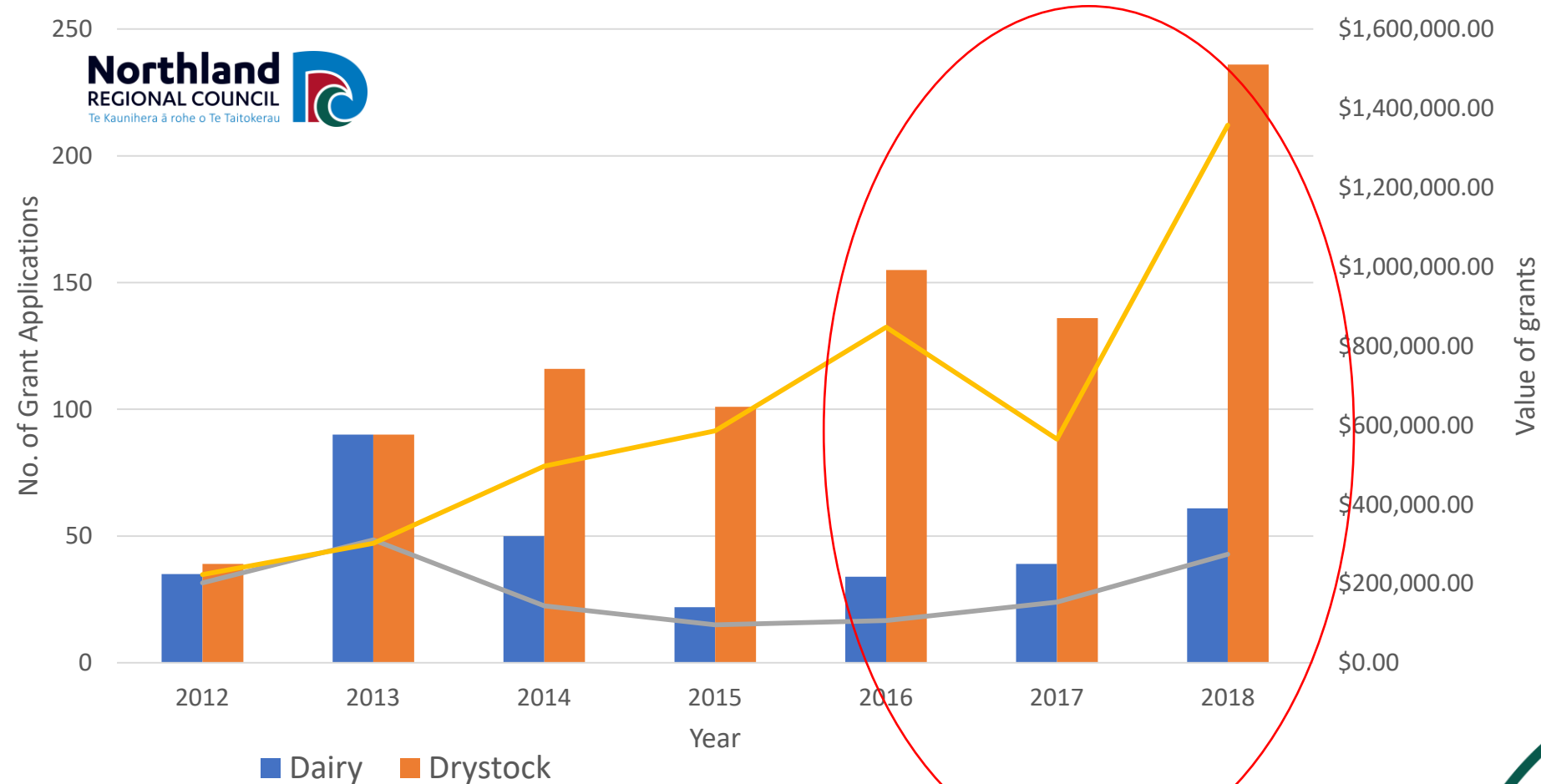


Land Team Work to Date:

Dairy Sector

- Huge progress
 - 250+ Farm environment plans (FEPs) 44,000 ha
 - \$1.2M grants provided
- 
- A decorative graphic consisting of several overlapping, stylized circular and oval shapes in a dark teal color, located in the bottom right corner of the slide.


Efund Grants by sector since 2012



Lots of work still to do

- Stock exclusion rules (New Regional Plan)
- Central Government: Essential Fresh Water Package Provisions for Rural Sectors: July 2019.

Including:

- ✓ Mandatory Farm Environment Plans (FEPs)
(Dairy: 550 FEP's remaining in Northland)
 - ✓ Stock exclusion regulations (to replace regional rules)
 - ✓ Intensification
 - ✓ High risk land-use activities / winter crops
- 
- A decorative graphic in the bottom right corner consisting of several overlapping, hand-drawn style circles and arcs in a dark teal color.

More Funding Opportunities:

NRC Funding:

1. Freshwater Improvement Fund (Northern Wairoa catchment)
2. NRC Environment Fund
3. Sustainable hill country grants
4. Pest control funds

Via: farm specific and tailored advice : \$\$ Funding for planting, fencing and hill country soil conservation.

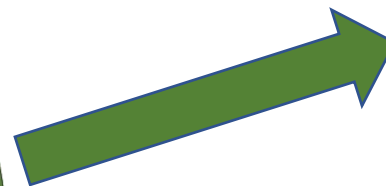
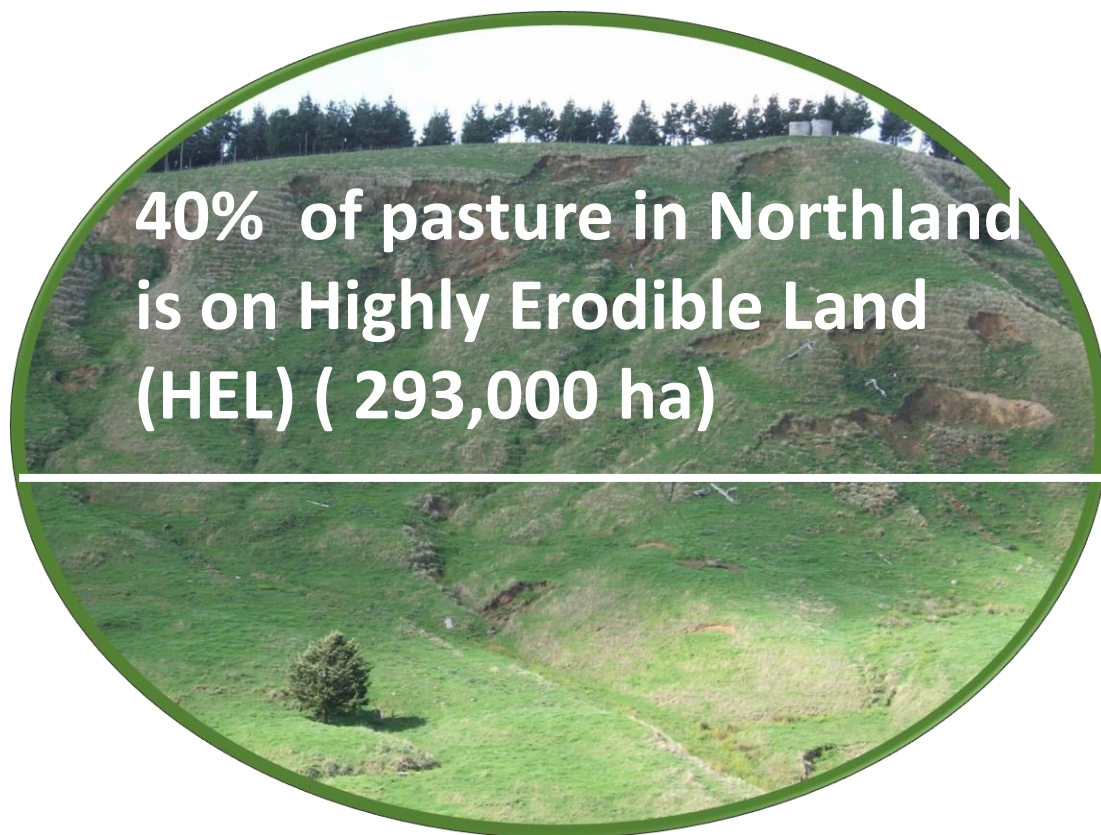
NRC also are supporting **One Billion Trees** Funding



Afforestation in Northland

Forest and Scrubland Cover = **48%** of Northland (594,686 ha)

Pasture = **49%** of Northland (616,386 ha)

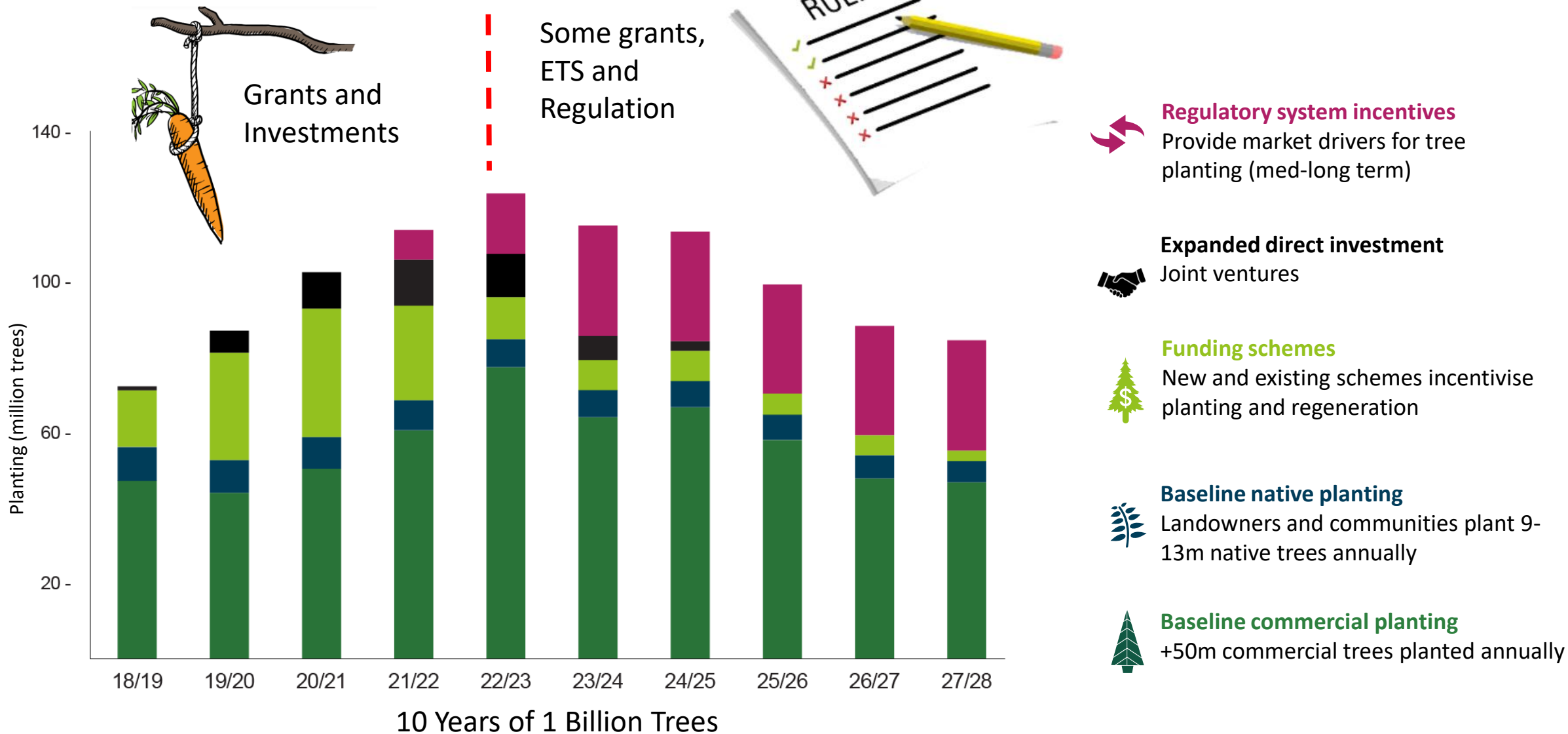


One Billion Trees Direct Grants

Grant categories

Category	Size	Base rate/ha	Top-up available/ha	
			Erosion-prone land OR land with high establishment costs	Fencing
Mixed Native Planting (e.g. mix of native trees & shrubs for ecological restoration)	1ha – 300ha	\$4000	\$500	Up to \$500
Native Regeneration (e.g. retiring land & managing return to native tree cover)	5ha – 300ha	\$1000	\$500	Up to \$500
Mānuka/Kānuka Planting (e.g. for erosion control, plantations, nurse crops, etc.)	5ha – 300ha	\$1800	\$500	NA
Exotic Planting (e.g. planting eucalypts for timber)	5ha – 300ha	\$1500	\$500	NA

Pathway to One Billion Trees



In Summary:

- Change is coming...via new central government regulations
- There is currently free help, advice and \$\$ out there.
- The journey to Good Farming Practice is a long one
- Get engaged (via Fonterra, Dairy NZ, Northland Regional Council)

