SOILS FOR LIFE CASE STUDY EXPRESSION OF INTEREST

Your response should be no more than ten pages in total, addressing the relevant criteria/data below.

**PART 1 - BASIC DATA**

|  |  |  |
| --- | --- | --- |
| **1** | **Name****Property Name****Postal Address****Lot and DP numbers to aid in GIS work** |  |
| **2** | **Telephone(s)** |  |
| **3** | **Email Address** |  |
| **4** | **Location: State / Region / Nearest Town** |  |
| **5** | **Local Government Area/CMA/NRM/LLS** |  |
|  | **PART 2 – THE PROPERTY AND THE ENVIRONMENT** |
| **6** | **Type of enterprise(s)** |  |
| **7** | **Size of property** |  |
| **8** | **Topography/Elevation / Climate / Rainfall** |  |
| **9** | **Stocking rates (if applicable)** |  |
| **10** | **Main soil types (include typical carbon content if known)** |  |
| **11** | **Water sources / ingress / egress / access** |  |
| **12** | **Current natural vegetation (include vegetation linkages to landscape)** |  |
| **13** | **Vegetation and landscape prior to cultivation and / or grazing** |  |
| **14** | **List of major weeds / INS impact** |  |
| **15** | **Types and impact of feral animals and other grazing pressures** |  |

**PART 3 – WHAT WAS THE SITUATION BEFORE CHANGES WERE MADE?**

***[Briefly describe the situation before innovations]***

(The Project seeks to document previous performance, including in the areas listed below.)

|  |  |  |
| --- | --- | --- |
| **16** | **Soil Health: Carbon / Nutrients / Mineral Balances?** |  |
| **17** | **Water management strategies / practices?** |  |
| **18** | **Vegetation / Pasture management?** |  |
| **19** | **Land use / production (animal, crop etc.)?** |  |
| **20** | **Biodiversity indicators?** |  |
| **21** | **Product trading and profitability trends year on year?** |  |
| **22** | **Weed, INS / Management?** |  |
| **23** | **Grazing pressure management?** |  |
| **24** | **What shortcomings did this business model have?** |  |

**PART 4 – CHANGES MADE TO THE BUSINESS**

***[Describe the changes you have made]***

(The Project seeks to document innovative leading performance, including in the areas listed below.)

|  |  |  |
| --- | --- | --- |
| **25** | **Why did you decide to change your practices or your business model?** |  |
| **26** | **What priorities accompanied the decision to change and innovate?** |  |
| **27** | **What are the key innovations you intend to implement or are currently implementing** |  |
| **28** | **How were the innovations introduced over time?** |  |
| **29** | **To what extent have you employed technology in your changed management regime?** |  |
| **30** | **Changes to Soil Health: Carbon / Nutrients / Mineral Balances / Hydrology?** |  |
| **31** | **Changes made to water management?** |  |
| **32** | **Changes to Vegetation / Pasture management?** |  |
| **33** | **Changes to land use: (Animal, crop management)?** |  |
| **34** | **Changes observed in Biodiversity indicators?** |  |
| **35** | **Changes to Pest / Weed Management?** |  |
| **36** | **During the transition period to your new business model, have you made changes to your land use?** |  |
| **37** | **What measured impact(s) have your changes made over time?** |  |

**PART 5 – CHANGED MANAGEMENT STRATEGIES**

***[Describe the key strategies you used to make the change]***

|  |  |  |
| --- | --- | --- |
| **38** | **Business strategies and practices?** |  |
| **39** | **What capital investments have been made, for example, machinery, other equipment, fencing, water points and so on?** |  |
| **40** | **Landscape engineering strategies and practices implemented?** |  |
| **41** | **Forage management (where applicable)** |  |
| **42** | **Product trading strategies and practices?**  |  |
| **43** | **To what extent have the changed management strategies included reduction of off-property inputs?** |  |

**PART 6 – TRANSITION HIGHLIGHTS: PRINCIPLES, DECISIONS, TRANSITION PROCESS AND LEARNINGS**

***[Describe how you managed the transition from the old and familiar to the new and challenging]***

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| --- | --- | --- |
| **44** | **What principle(s) underpinned the innovations you proposed to introduce?** |  |
| **45** | **What family members and / or other stakeholders were involved in the decision to change practices?** |  |
| **46** | **To what extent was there pressure from decision makers not to change practices?** |  |
| **47** | **Which of your innovations do your family and stakeholders approve of the most?** |  |
| **48** | **What non-capital investments were made to support the change (Education, Advice, etc)?** |  |
| **49** | **What impediments to change occurred during the transition process?** |  |
| **50** | **To what extent did the decision makers contribute to the resolution of impediments?** |  |
| **51** | **Did you have some negative outcomes from the transition process and how were they mitigated?** |  |
| **52** | **What family and community outcomes have resulted from working through the transition process together?** |  |
| **53** | **Lessons learned about the transition process for others to consider?** |  |

**PART 7 - OUTCOMES AND ASSESSMENTS**

***[How do you measure success?]***

|  |  |  |
| --- | --- | --- |
| **54** | **What production outcomes have resulted from the change of land management practices?** |  |
| **55** | **Feasibility and returns: What are the profit and loss trends of the enterprise after changes were made?** |  |
| **56** | **What changes to soils, soil biology, soils carbon, soil hydrology have resulted from the changes to land management practices?** |  |
| **57** | **What environmental / Biodiversity outcomes have resulted from the change in land management practices?** |  |
| **58** | **Other outcomes?**  |  |

**PART 8 – PROBLEMS AND ISSUE RESOLUTION**

***[Describe how you solved problems and managed issues]***

|  |  |  |
| --- | --- | --- |
| **59** | **What on-farm problems and issues have arisen since the introduction of the innovations?** |  |
| **60** | **How have they been resolved / mitigated?** |  |
| **61** | **What off-farm problems and issues have arisen as a result of changes?** |  |
| **62** | **How have they been resolved / mitigated?** |  |
| **63** | **If you were to start again, what would you do differently?** |  |

**PART 9 - ADDITIONAL INFORMATION**

|  |  |  |
| --- | --- | --- |
| **64** | **Please add any additional information or documents you feel are relevant.** |  |

**For Project Office Use Only**

|  |  |
| --- | --- |
| **Reviewed By** |  |
| **Date** |  |