

The Regional Sector Reference Model

Business Function:

Farm, Land and Catchment
Management

RSHL

Council
Collaboration
Into Action

This document is part of the Regional Sector Reference Model. It should be read in conjunction with document [1. Context and Framework](#).

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Document Control

The following documents make up the Regional Sector Reference Model. Current document versions are listed below.

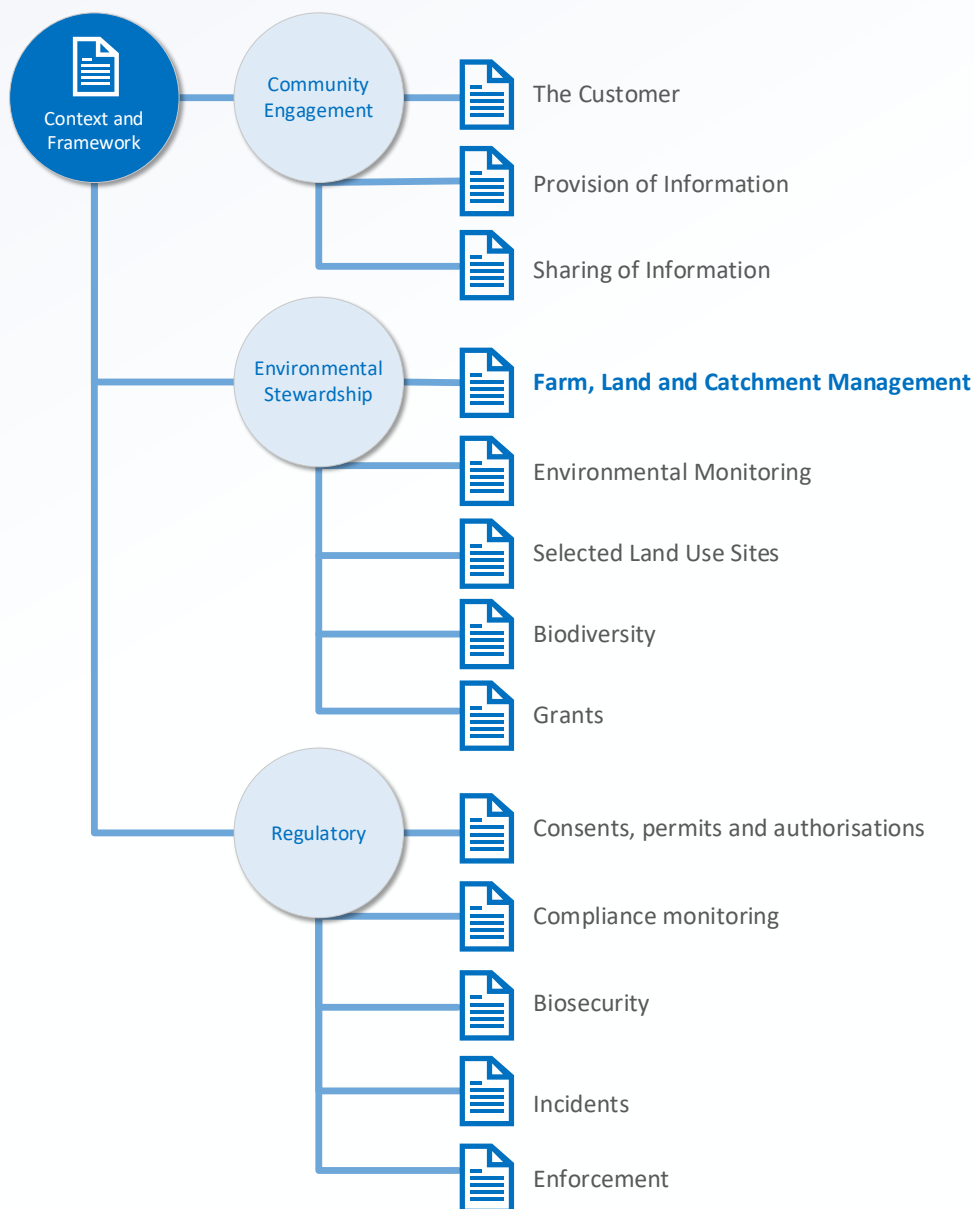
Document Name	Document ID	Version
1. Context and Framework	RSHL-1540269799-521	v1.0
2. Community Engagement – The Customer	RSHL-1540269799-518	v1.0
3. Community Engagement – Provision of Information	RSHL-1540269799-517	v1.0
4. Environmental Stewardship – Farm, Land and Catchment Management	RSHL-1540269799-527	v1.0
5. Environmental Stewardship – Environmental Monitoring	RSHL-1540269799-649	v1.0
6. Environmental Stewardship – Selected Land Use Sites	RSHL-1540269799-654	v1.0
7. Environmental Stewardship – Biodiversity	RSHL-1540269799-652	v1.0
8. Environmental Stewardship – Grants	RSHL-1540269799-656	v1.0
9. Regulatory – Consents, Permits and Authorisations	RSHL-1540269799-669	v1.0
10. Regulatory – Compliance Monitoring	RSHL-1540269799-668	v1.0
11. Regulatory – Biosecurity	RSHL-1540269799-664	v1.0
12. Regulatory – Incidents	RSHL-1540269799-658	v1.0
13. Regulatory – Enforcement	RSHL-1540269799-660	v1.0

The reference model

The Regional Sector Reference Model aims to provide regional council consistent good practice processes, enabling councils to benchmark themselves and measure the degree to which good practice is being achieved.

This document makes up part of the Regional Sector Reference Model. The process and activity diagrams seen within this document were developed through a series of workshops under a collaborative approach by 11 regional councils. User story IDs are shown in grey – please contact RSHL if you require further detail.

The Regional Sector Reference Model structure



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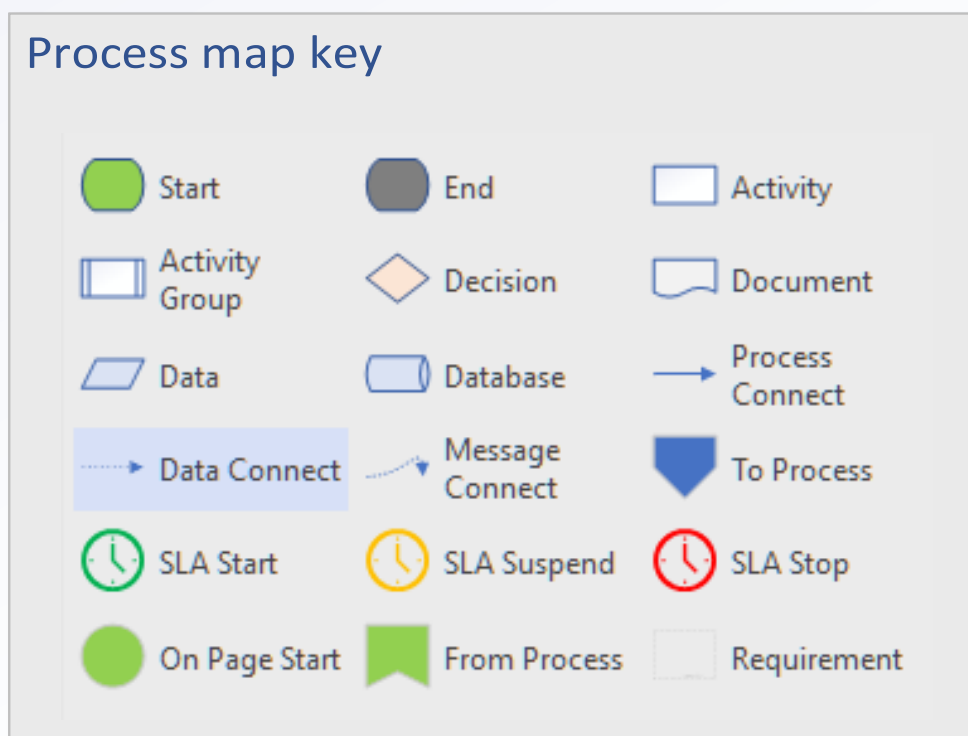
[> Managed Work Execute \(Spatial representation\)](#)

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Process map key

Please use the key below to understand the process maps and their meaning.



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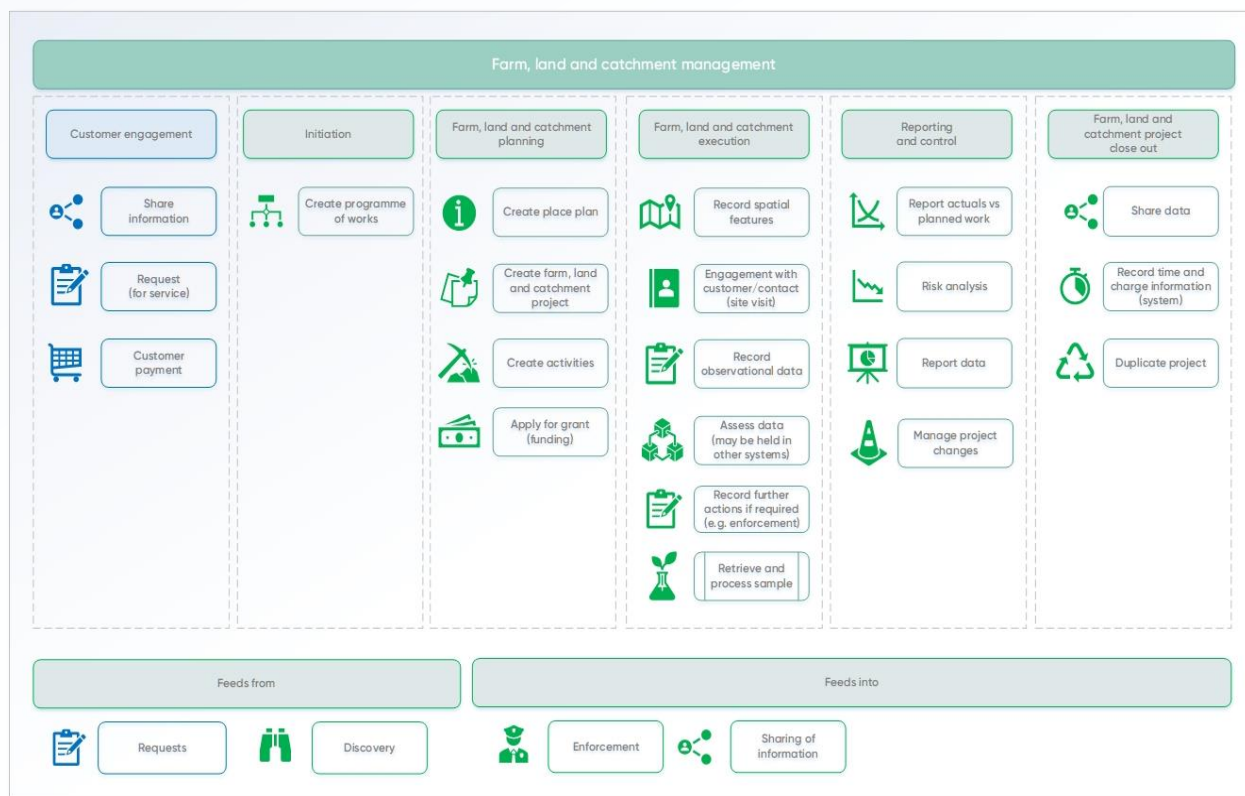
Environmental Stewardship

Environmental stewardship responsibility areas encompass work programmes across the following workstreams: biodiversity, farm, land and catchment management, environmental monitoring, selected land use sites (contaminated land) and the management of grant applications.

The environmental stewardship responsibility areas introduce the Place Plan terminology. A Place Plan is a concept that enables regional councils to maintain a record of information about something they want to manage. A Place Plan could be (for example) a farm, an operational area for biosecurity control, a pest plant infestation, a contaminated land site or a structure that is to be assessed for fish passage. A Place Plan will hold relevant information (both spatial and forms based) by record type and link to the relevant regional plans, policies, and objectives.

Farm, Land and Catchment Management

Farm, land, and catchment management activities promote sustainable land use and healthy waterways. Programmes of work include soil erosion management, riparian fencing and planting programmes and catchment health initiatives. Councils engage with and provide advice to, a wide range of customers, including farmers and other landowners, iwi and consultants. Like other environmental stewardship functional activities, effective farm, land, and catchment management involves planning, the creation of Place Plans and activities to efficiently manage funding and resources, and execution of these. Reporting and control allows councils to manage risk, and report on programme and policy effectiveness.

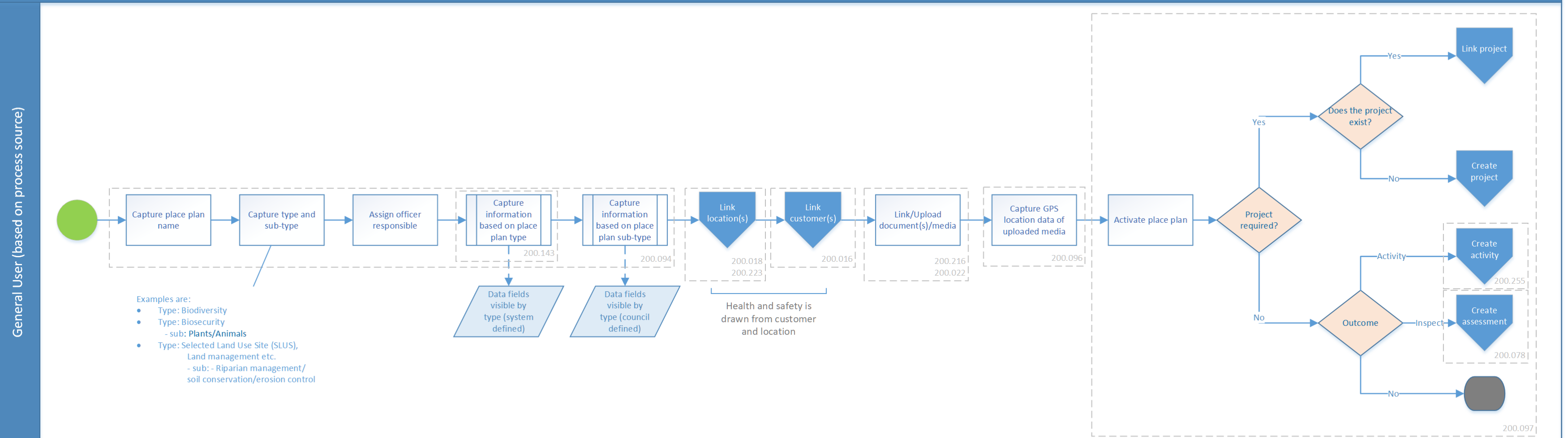


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Place Plan (create)

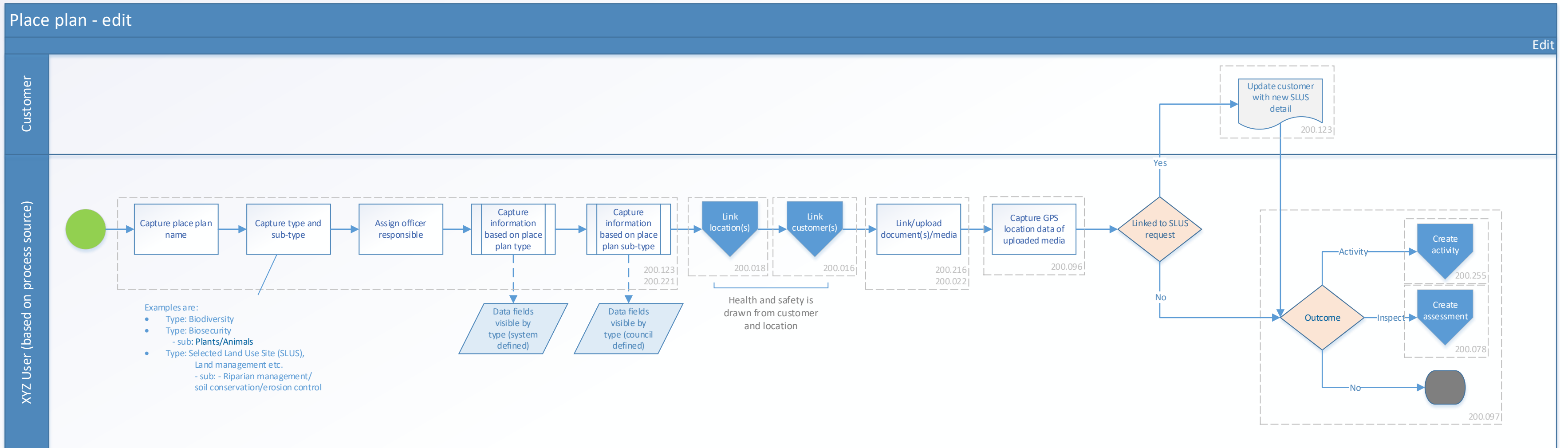
Place plan - create

Create

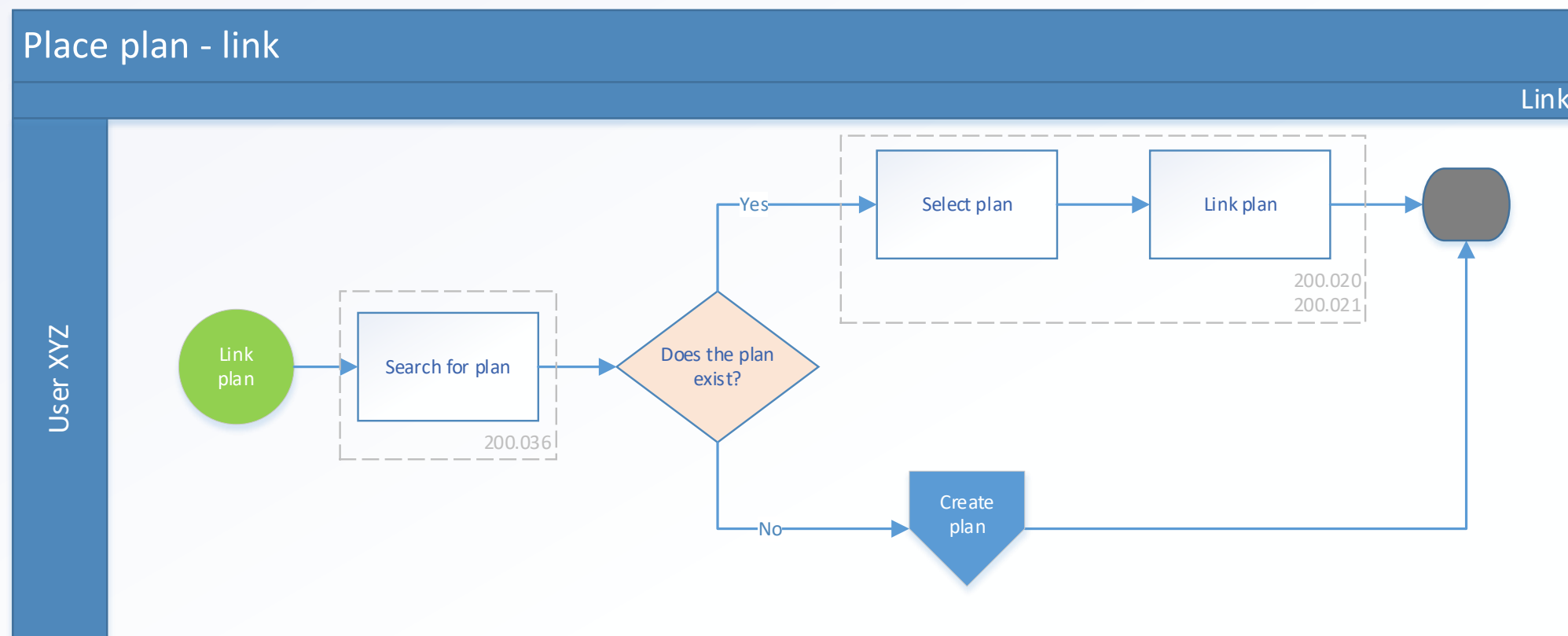


Notes	Management of: Farm management plan	Management of: Biosecurity
Process functions: - Farm information (location, land use classes, H&S, photos, maps, property owner/contact - if applicable, etc.) - Project management - What (monitoring), when (scheduling), where (site), why, resources (labour and equipment) - Channel = mobile - Integration to other systems (GIS) - Data gather/Data validation Links to FEP -> Area of land under FEP etc.	Process functions: - Biosecurity (location, land use classes, H&S, photos, maps, property owner/contact - if applicable, etc.) - Project management - What (monitoring), when (scheduling), where (site), why, resources (labour and equipment) - Channel = mobile - Integration to other systems (GIS) - Data gather/Data validation Links to FEP -> Area of land under FEP etc.	Process functions: - Biosecurity (location, land use classes, H&S, photos, maps, property owner/contact - if applicable, etc.) - Project management - What (monitoring), when (scheduling), where (site), why, resources (labour and equipment) - Channel = mobile - Integration to other systems (GIS) - Data gather/Data validation Links to FEP -> Area of land under FEP etc.

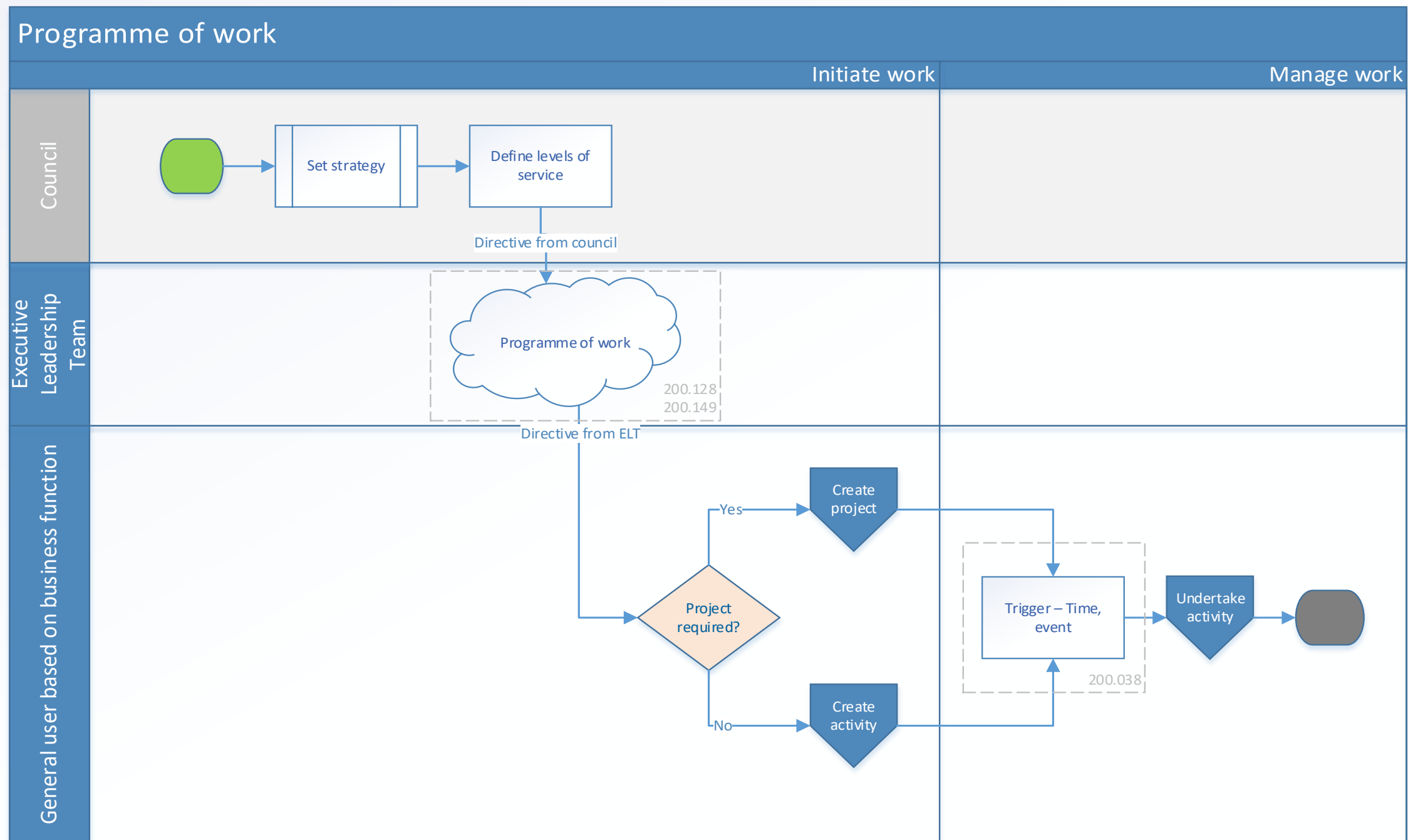
Place Plan (edit)



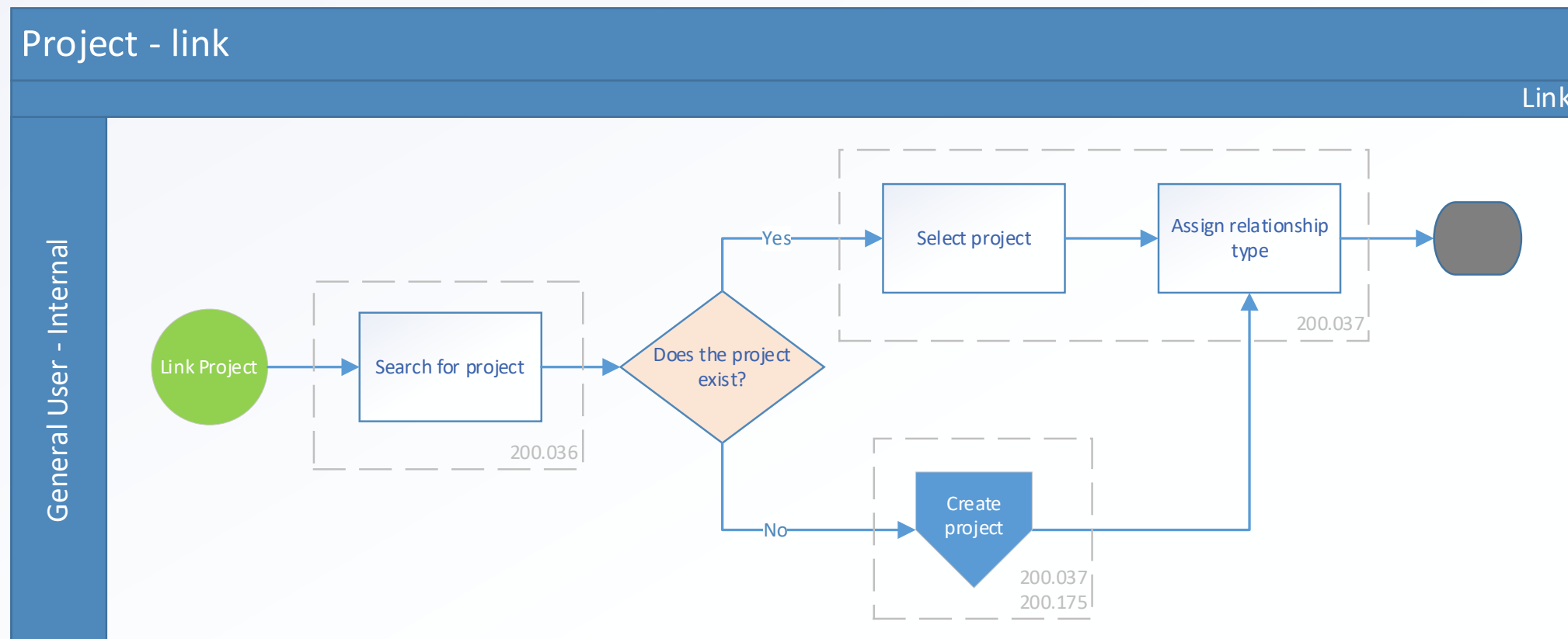
Place Plan (link)



Initiate (programme of work)

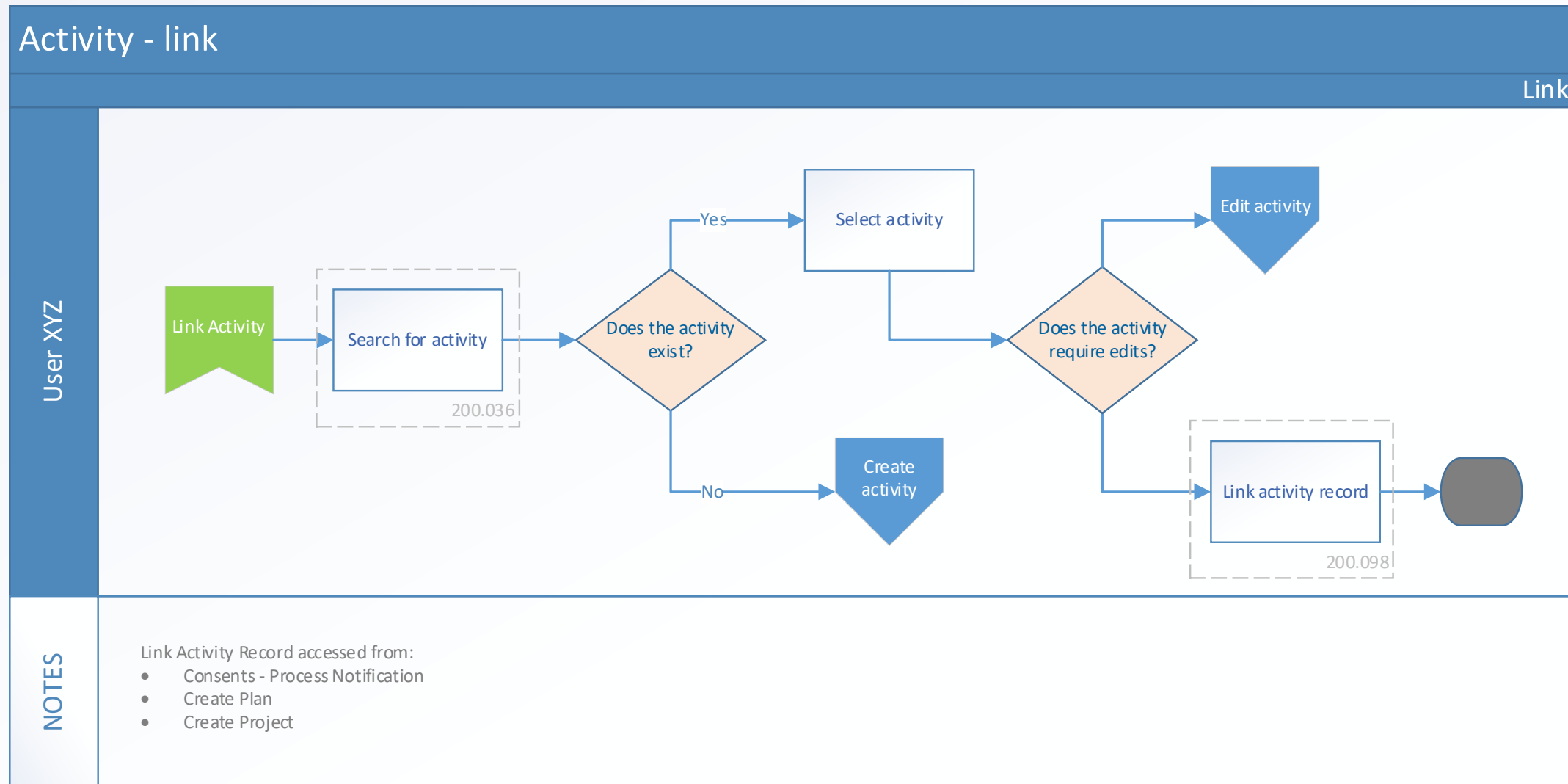


Planning (link project)

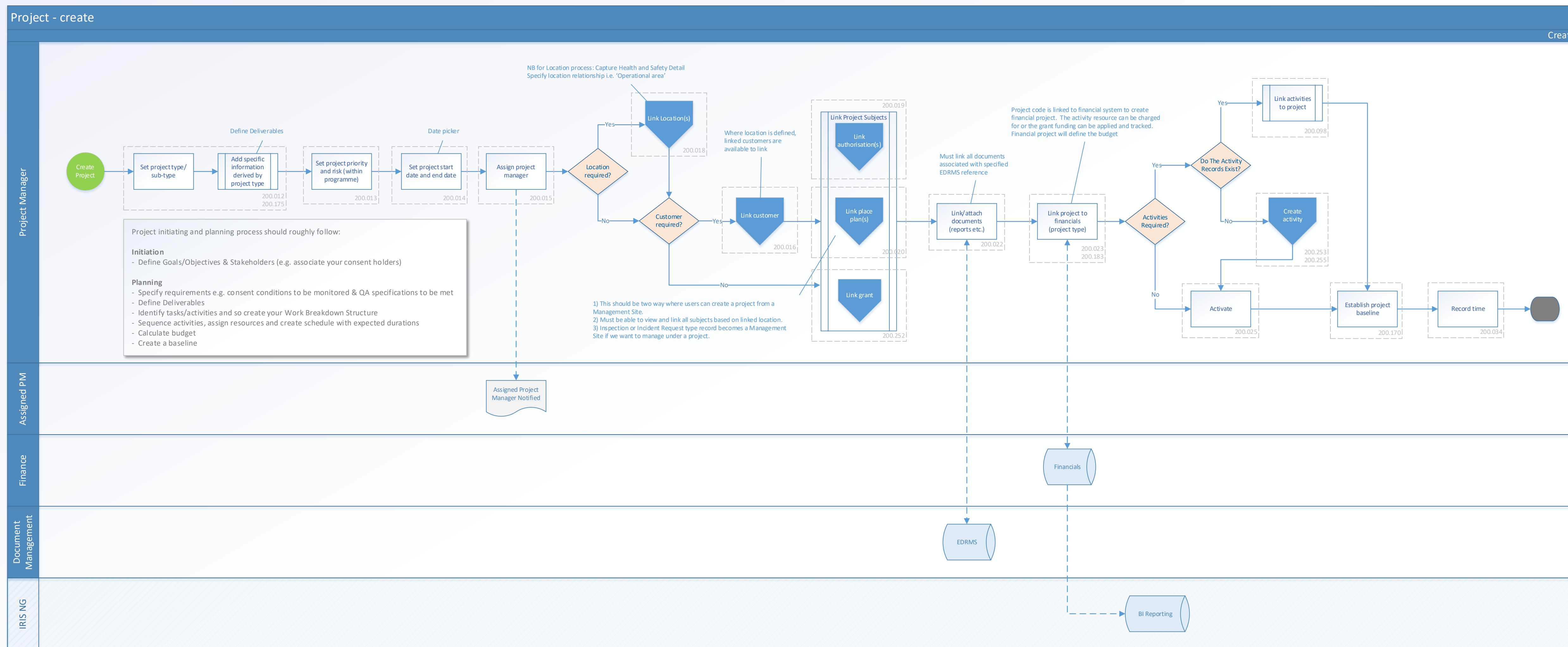


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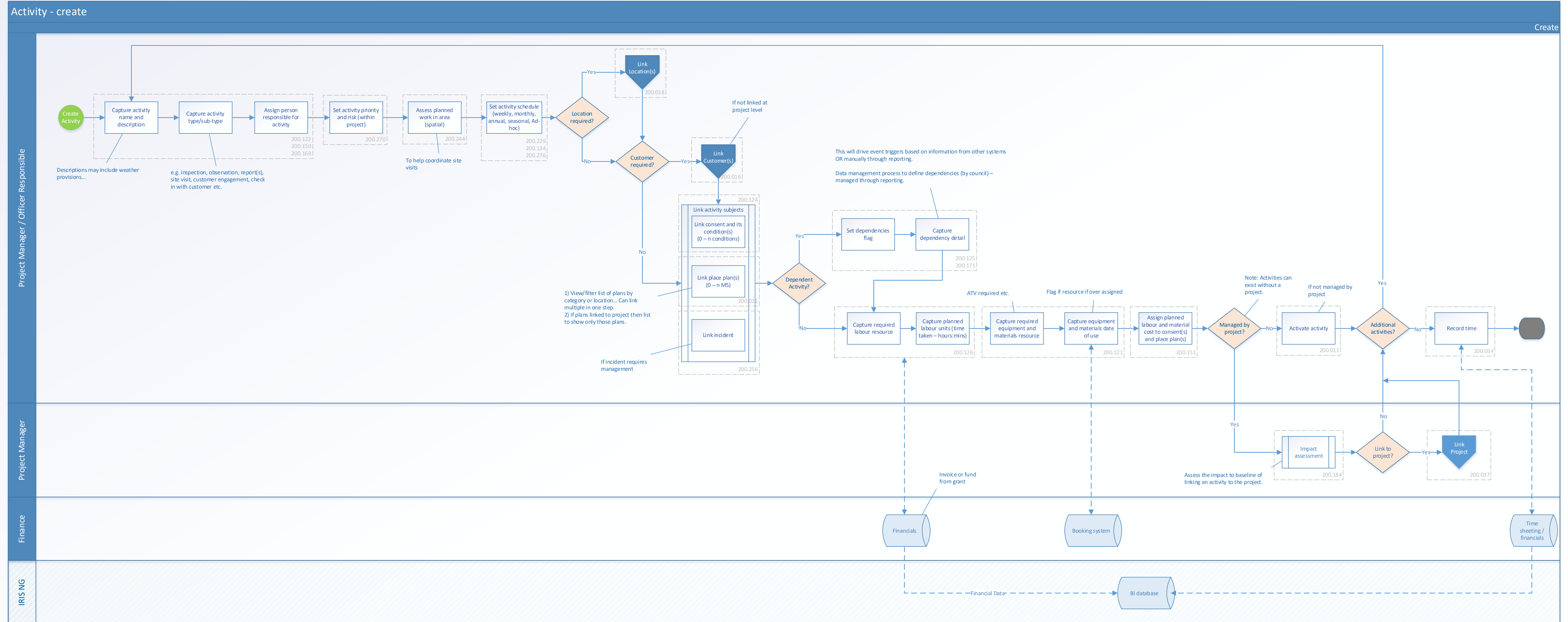
Planning (link activity)



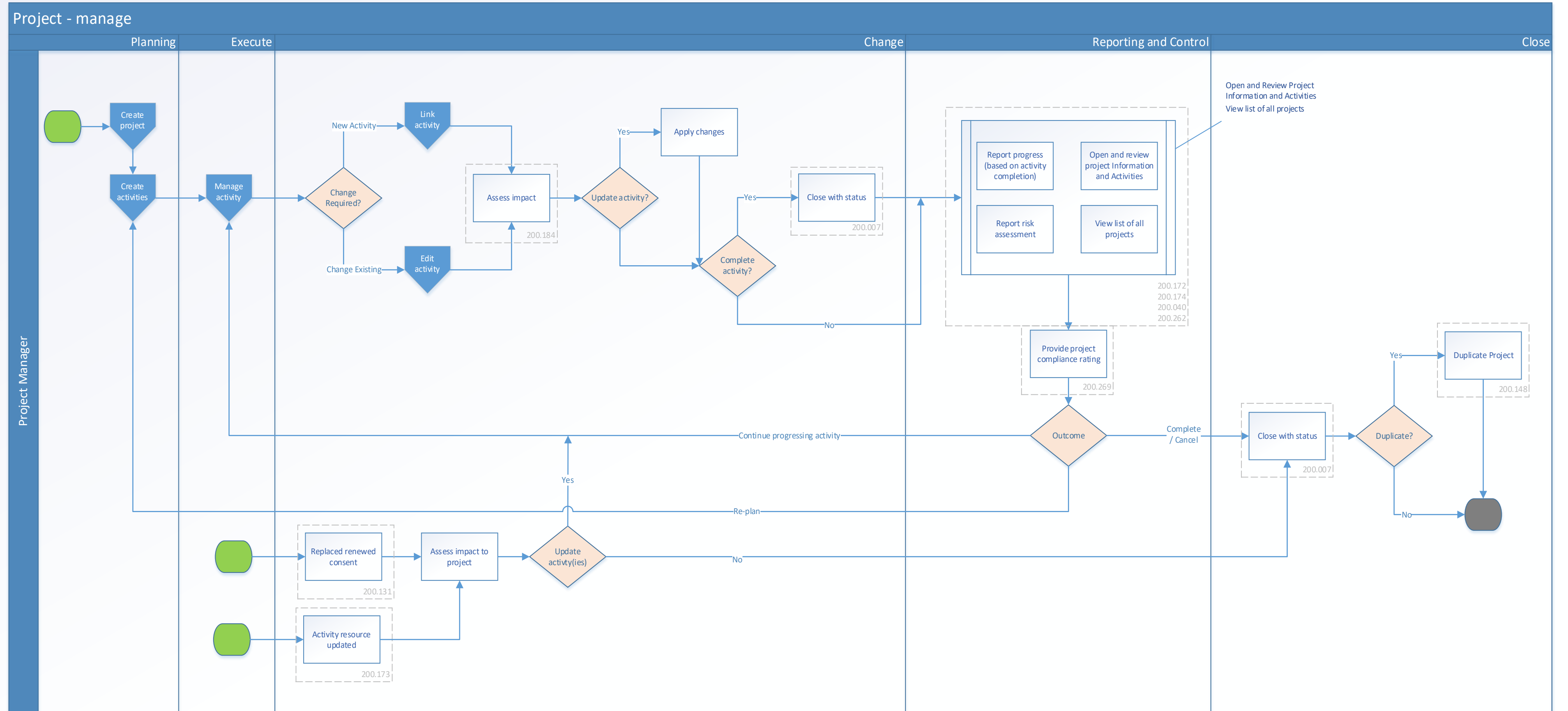
Planning (Create project)



Planning (Create activity)

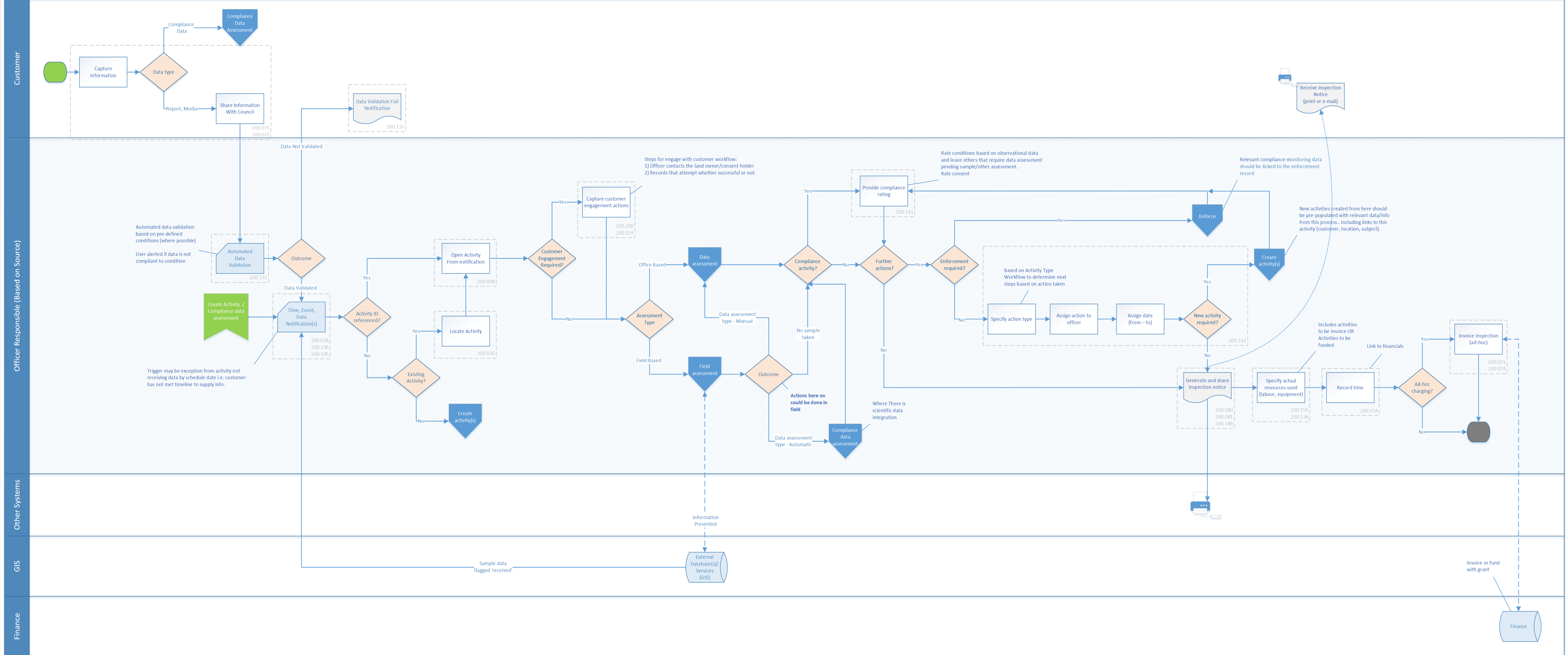


Execute (Manage project)



Execute (Manage activity)

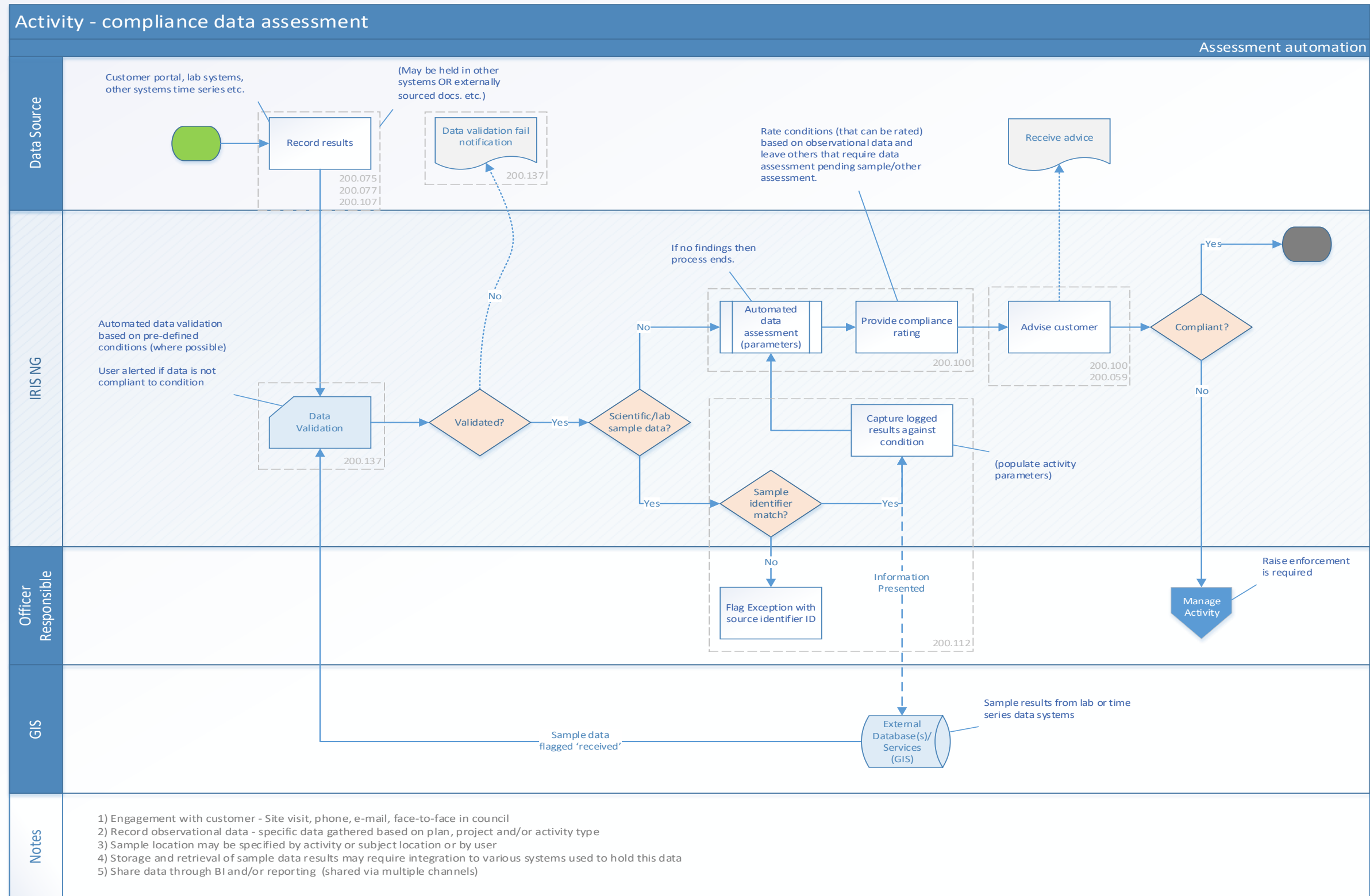
Activity - manage Manage



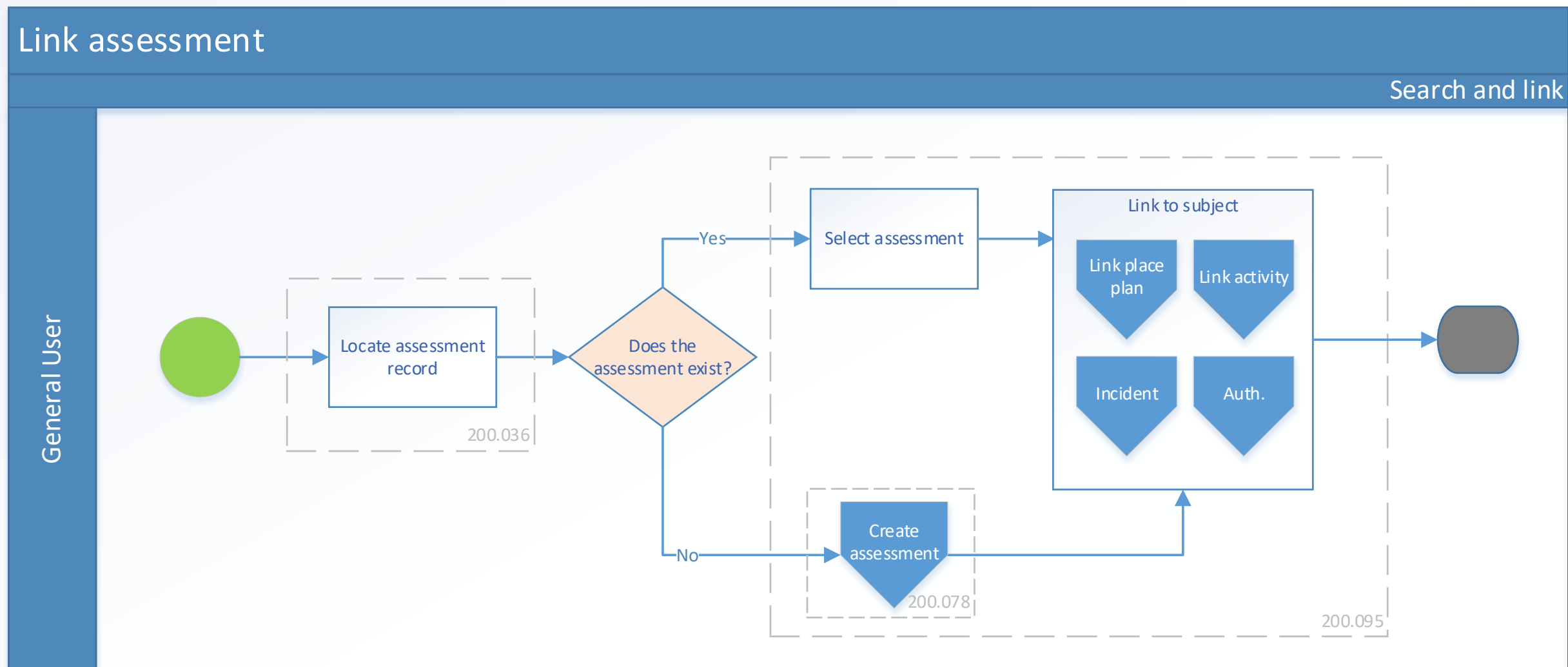
Notes

- 1) Engagement with customer - Site visit, phone, e-mail, face-to-face in council.
- 2) Record observational data - specific data gathered based on plan, project and/or activity type.
- 3) Sample location may be specified by activity or subject location or by user.
- 4) Storage and retrieval of sample data results may require integration to various systems used to hold this data.
- 5) Share data through BI and/or reporting. (shared via multiple channels).

Execute (Compliance assessment automation)

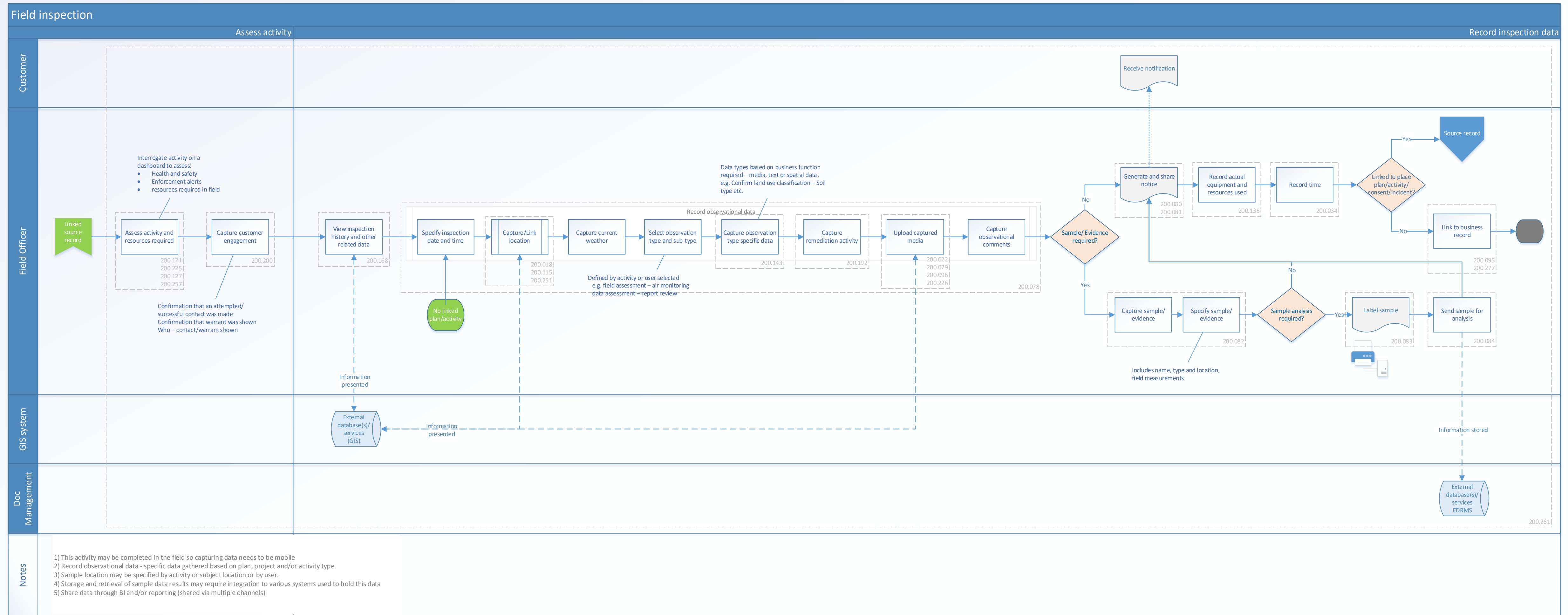


Execute (Link assessment record)

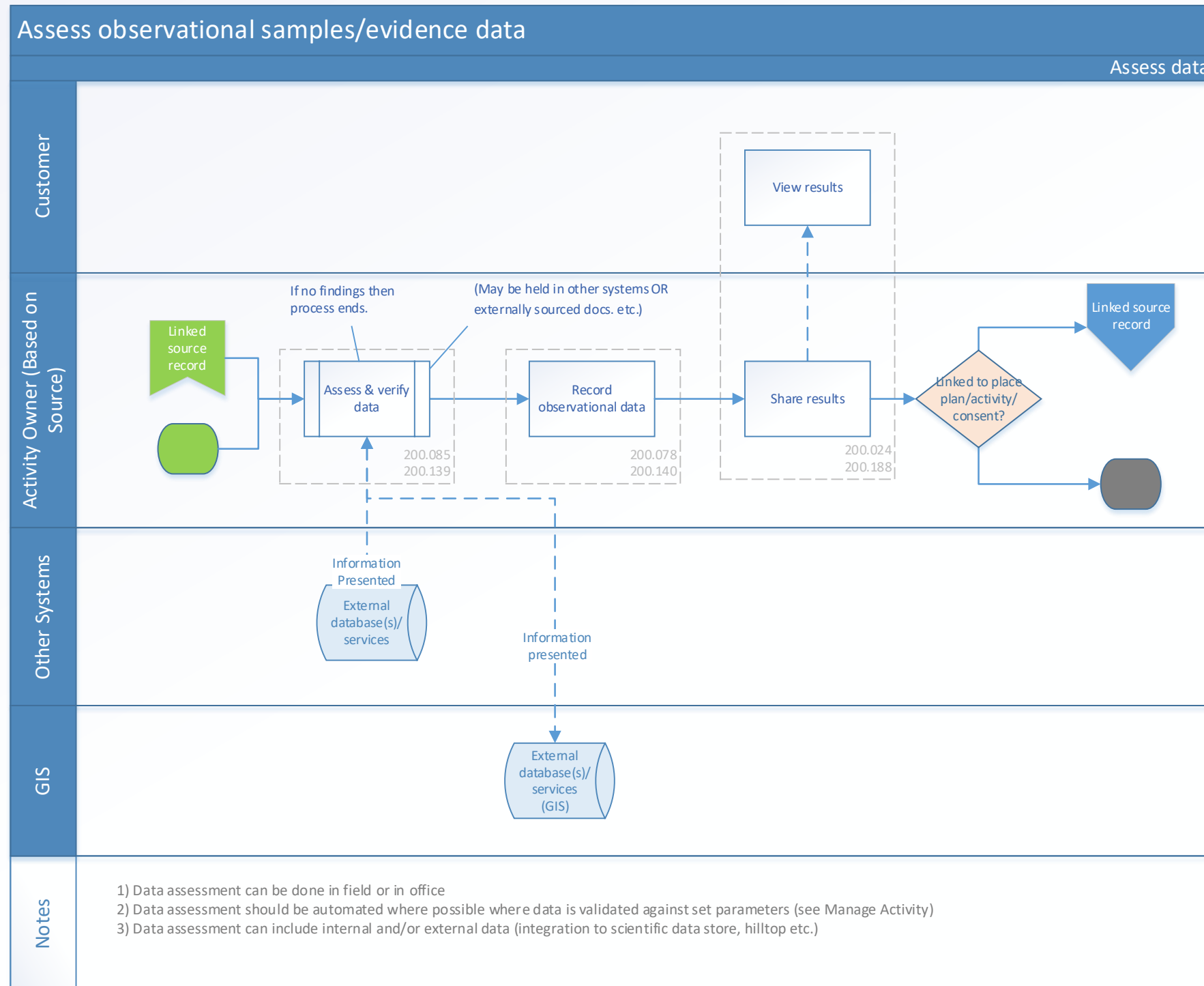


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Execute (Field assessment)

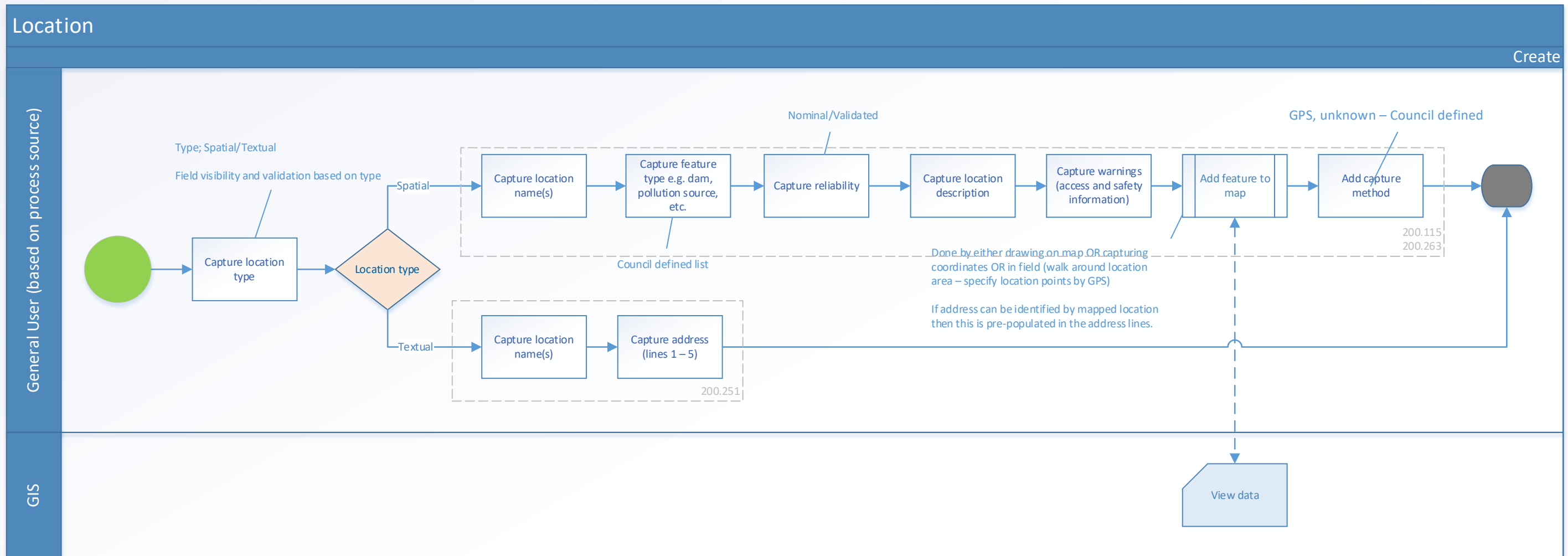


Execute (Data assessment)



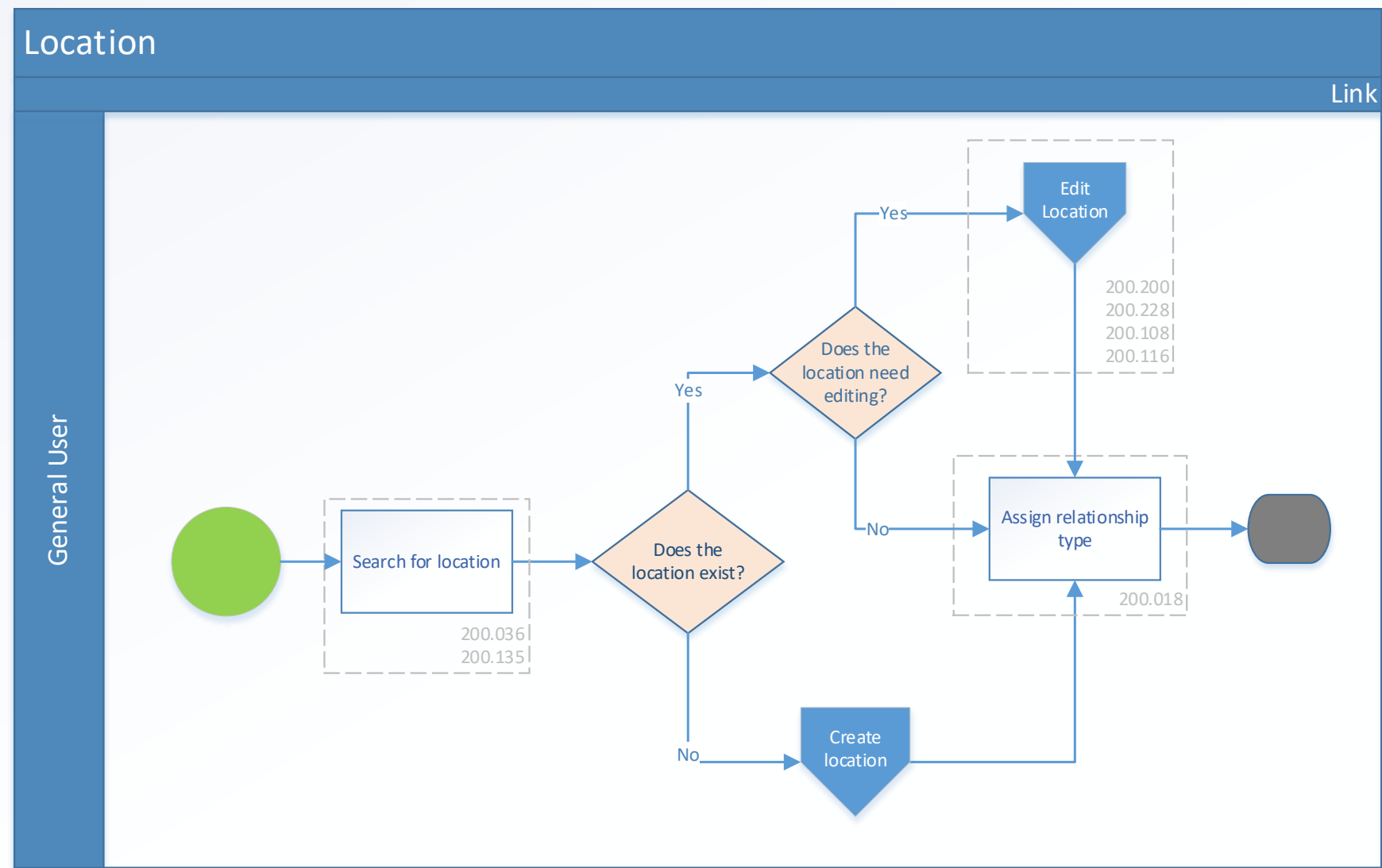
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Location (create)



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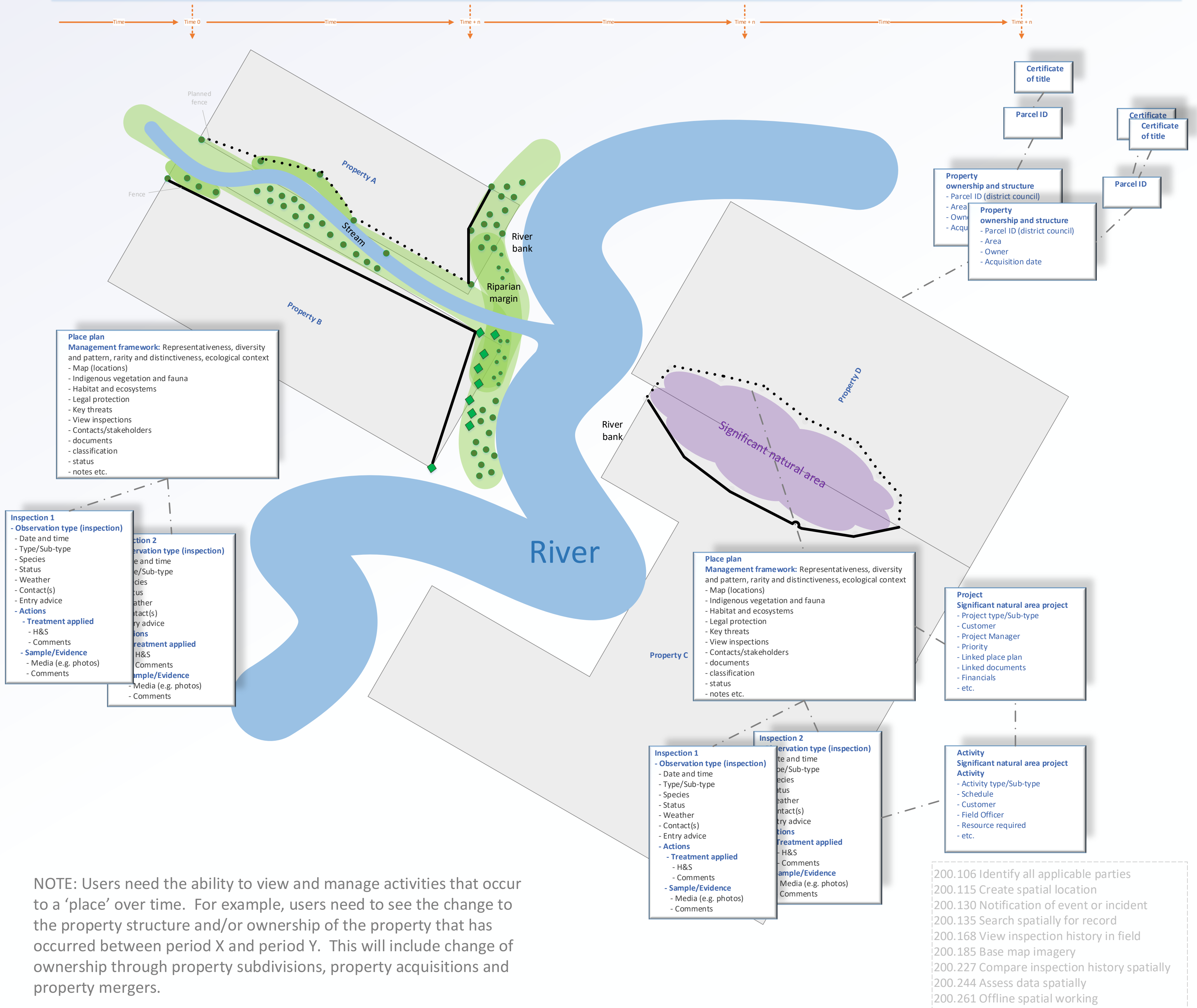
Location (link)



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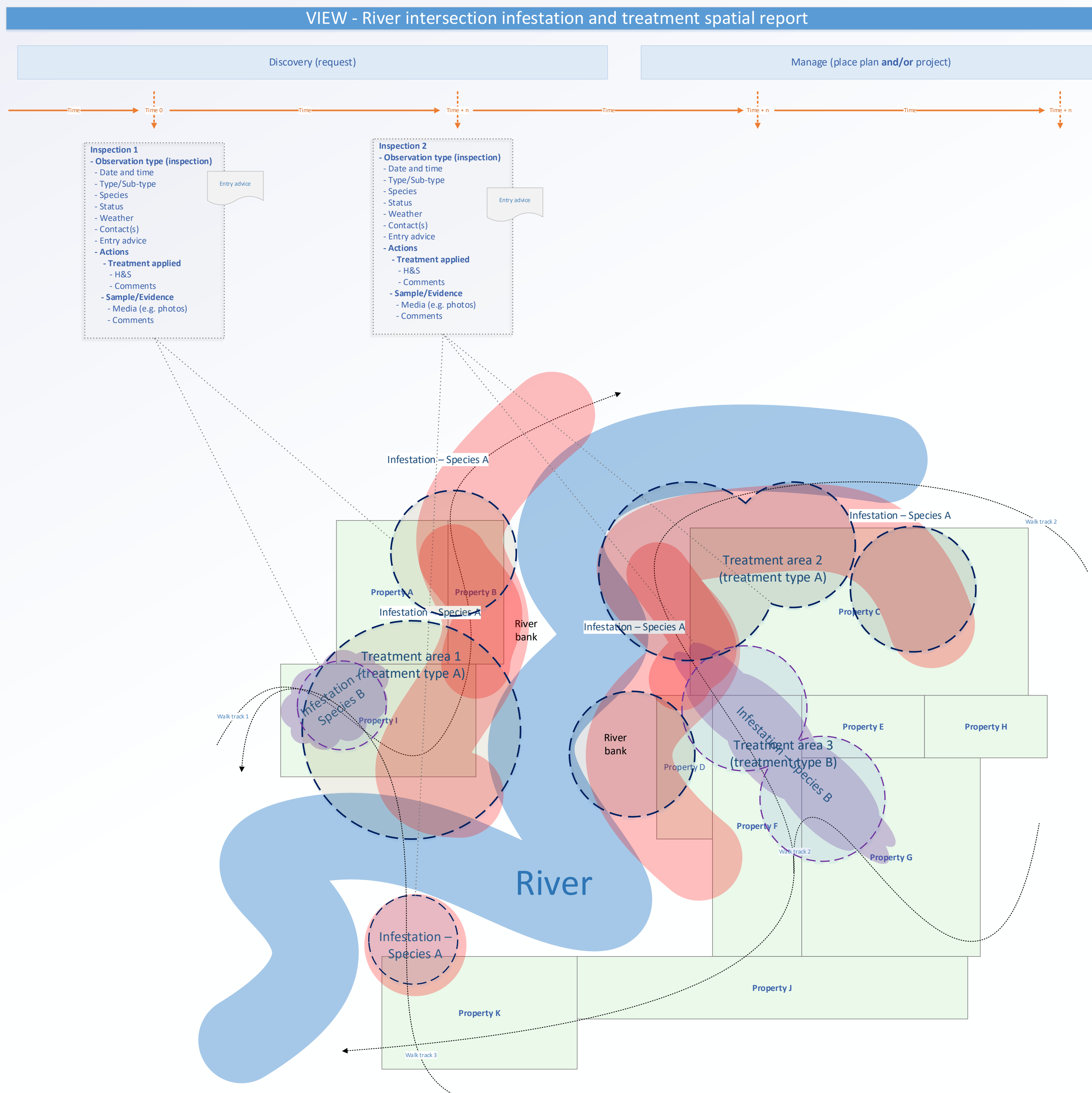
Execute (Spatial view)

Manage (place plan and project)



NOTE: Users need the ability to view and manage activities that occur to a 'place' over time. For example, users need to see the change to the property structure and/or ownership of the property that has occurred between period X and period Y. This will include change of ownership through property subdivisions, property acquisitions and property mergers.

Execute (River intersection - infestation) – Visual overlay of inspection 1 and inspection 2





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Regional Software Holdings Ltd, PO Box 1007, Palmerston North 4440



Info@rshl.co.nz



www.rshl.co.nz