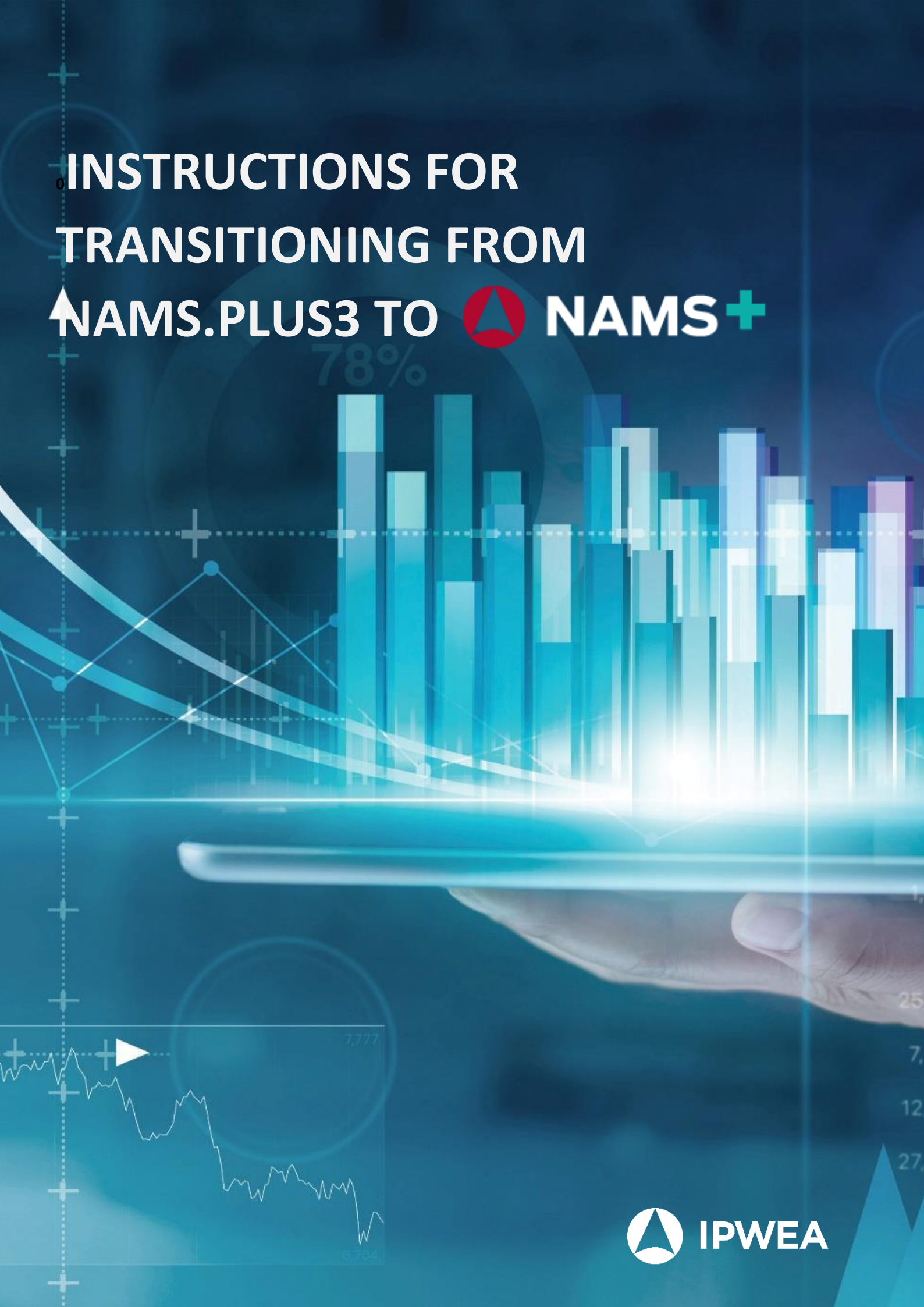
INSTRUCTIONS FOR TRANSITIONING FROM NAMS.PLUS3 TO NAMS+



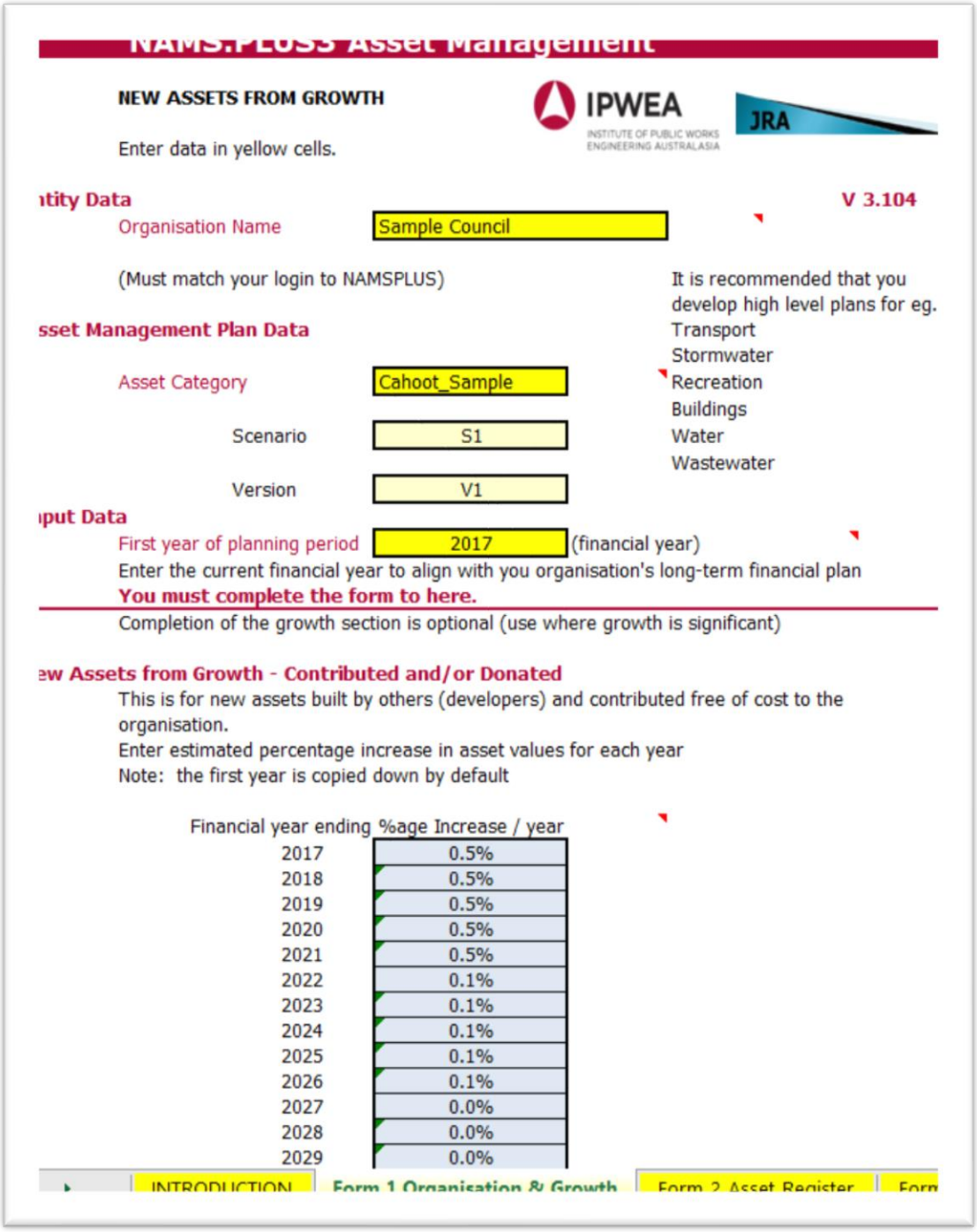
IPWEA

Instructions for transitioning from NAMS.PLUS3 to NAMS+

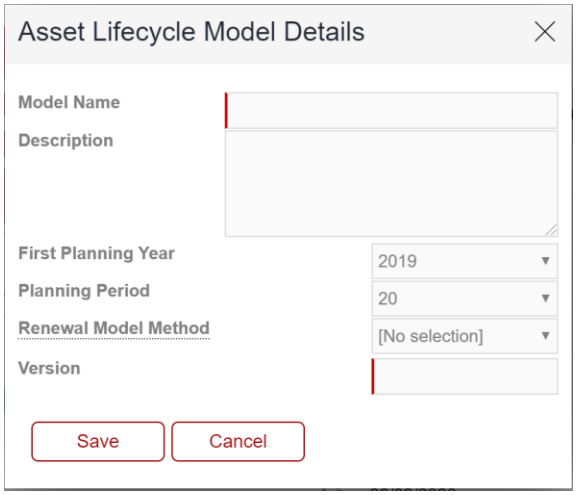
NAMS+ has been redesigned to allow *real-time modelling* as you enter data. Existing or previously used expenditure templates can be used to copy data to the new templates in each activity area.

Step 1: Create a model

Previously included on Form 1 Organisation & Growth sheet, the model information can be entered directly into NAMS+ when creating a new Lifecycle Model.

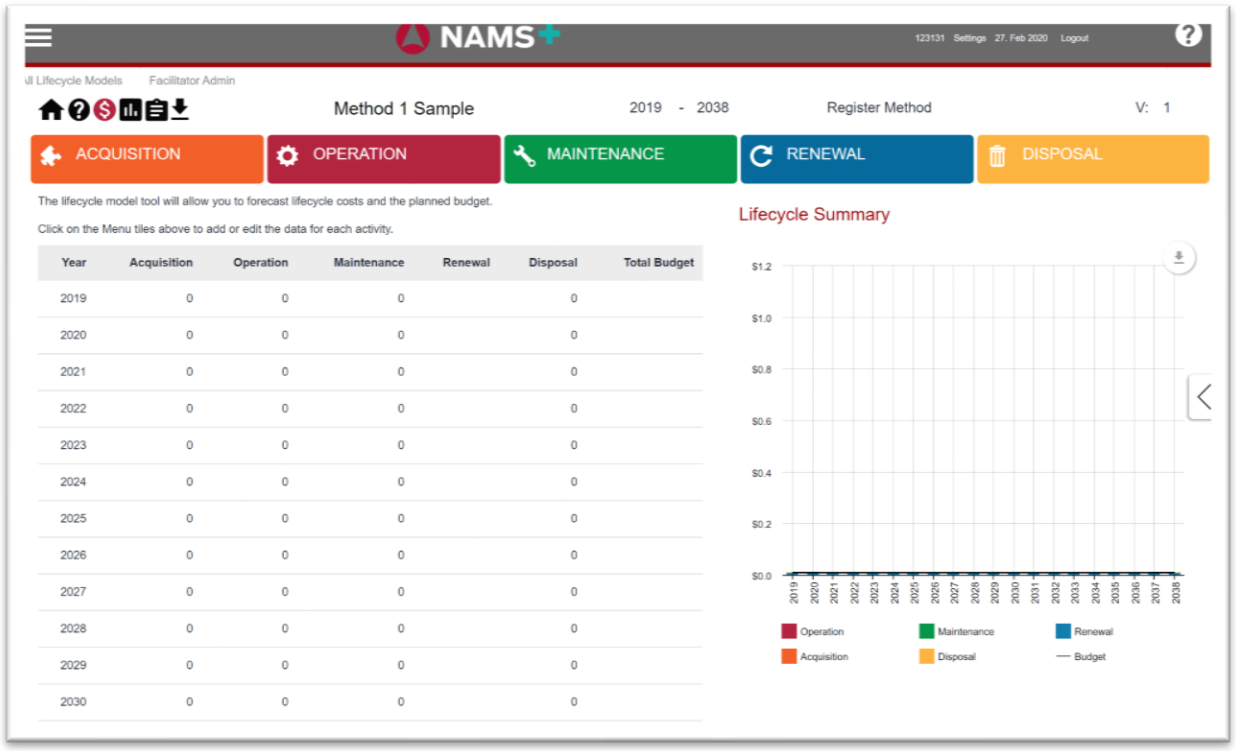


1. Click on the Create a new Lifecycle Model button and enter the model details such as the name of the model, the first planning year, planning period and Renewal Model Method.

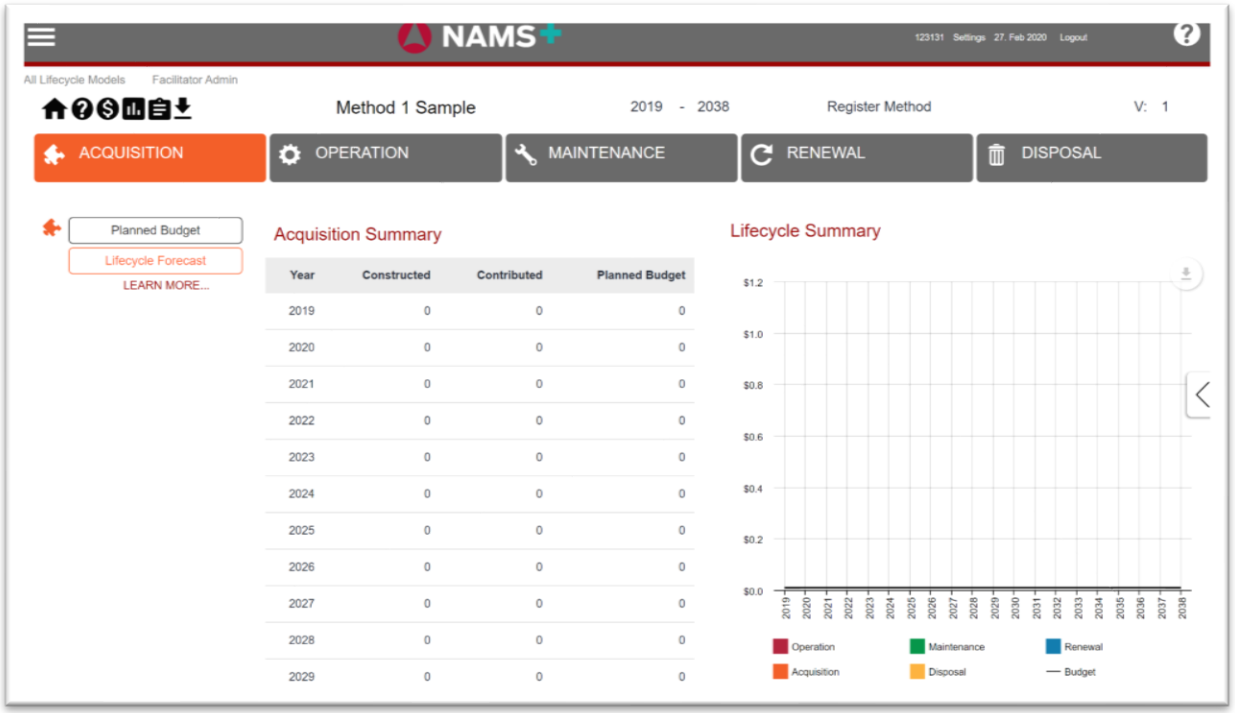


2. In NAMS+ Method 1 is now called the Asset Register method and Method 2 and 3 are now called the Alternate method.
3. Click on the Save button and a new model will be added in the Asset Lifecycle Models table. Click on the button to begin adding/uploading data directly to your model.
4. NAMS+ provides areas for each activity in the asset lifecycle:

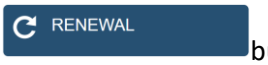
These areas correspond to the buttons displayed at the top of the screen:



And each area has Planned Budget and Lifecycle Forecast areas:



Step 2: Enter the Asset Register or Alternate Renewal data

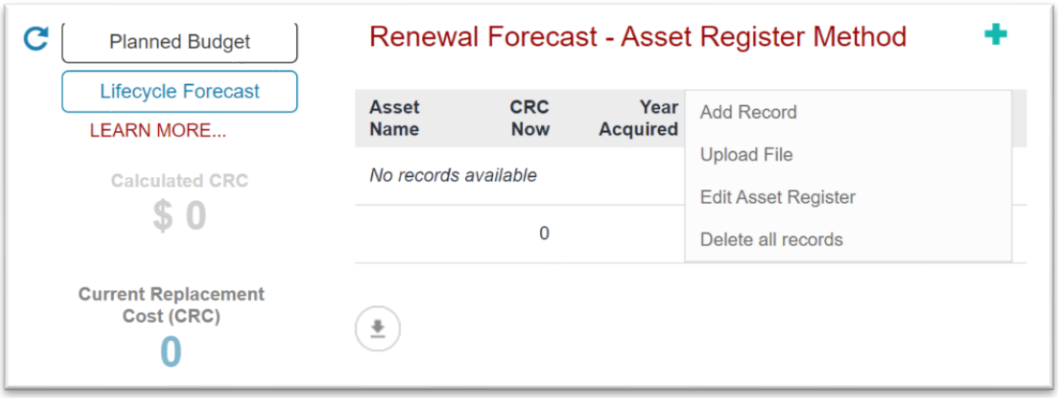
1. Click on the Renewal 

button to see the Planned Budget and Lifecycle Forecast areas.
2. The data that would have been entered into Form 2 Asset Register can be copied and pasted directly into the activity area.
3. Click on the Lifecycle Forecast 

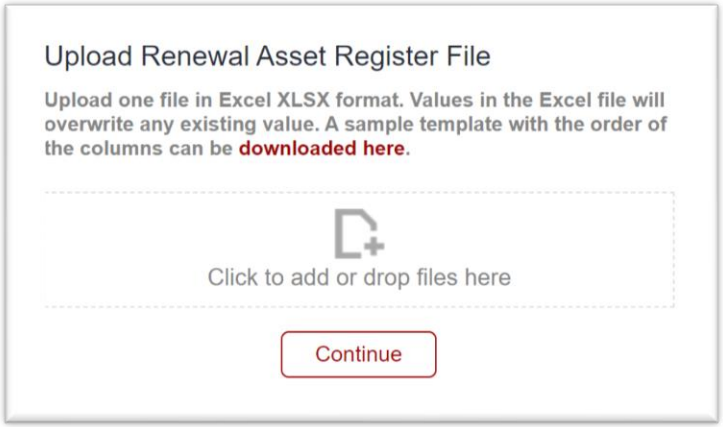
button and click on the + button.

Asset Register Method (Method 1)

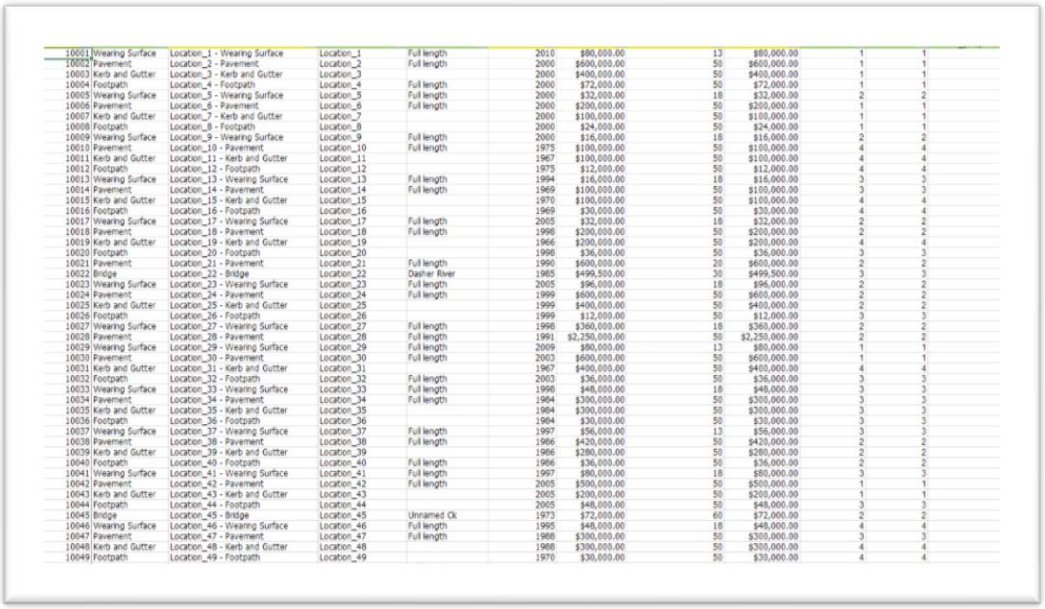
1. Select Upload File from the drop-down:



2. The Upload Renewal Asset Register File will be displayed:

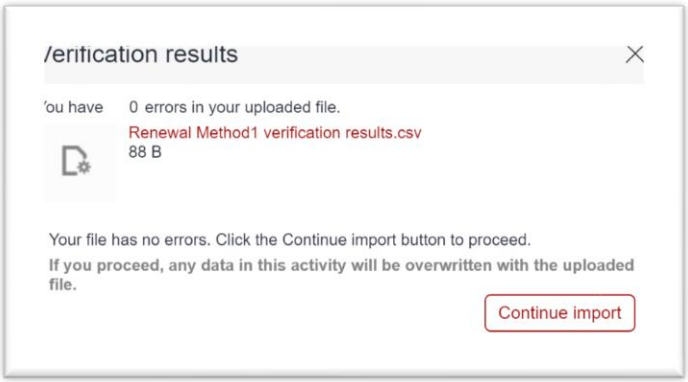


3. Download the excel template by clicking on the download here button and copy your data into the template. The columns are in the same format as the previous NAMSPLUS3 expenditure template, Form 2 & Form 2.1 Asset Register, with an added column at the end for criticality.

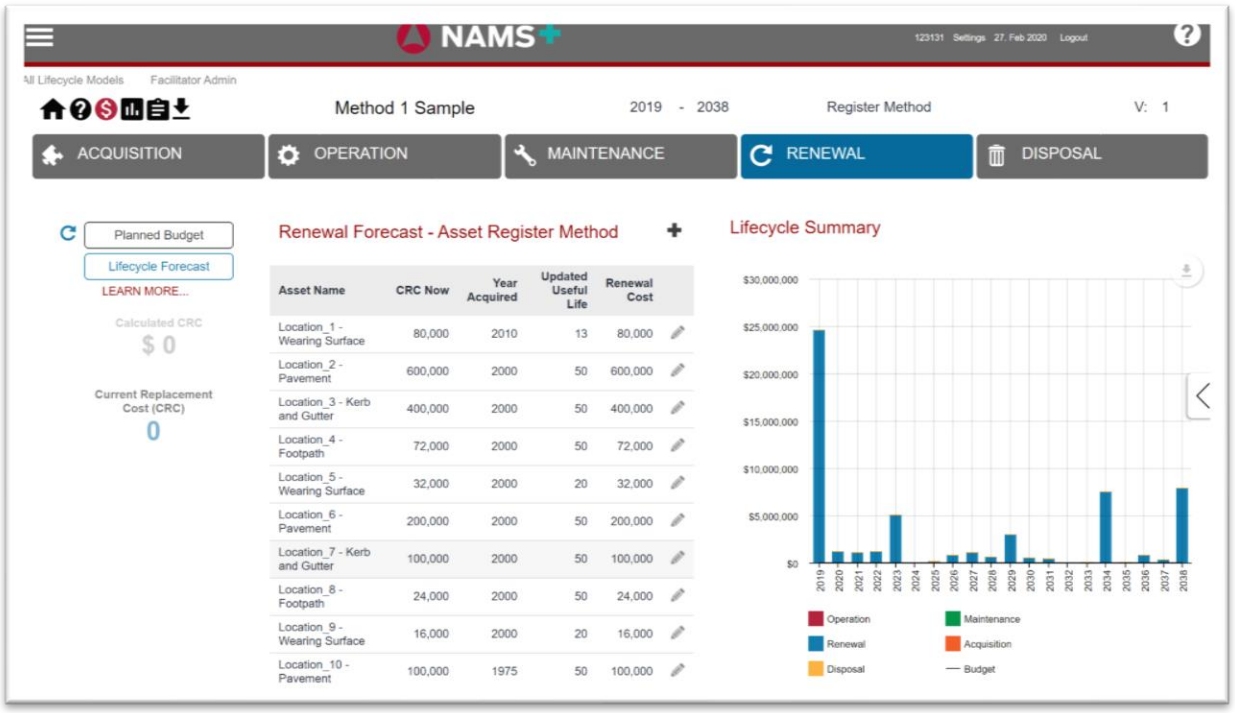


10001	Wearing Surface	Location_1 - Wearing Surface	Location_1	Full length	2010	$80,000.00	13	$80,000.00	1	1
10002	Pavement	Location_2 - Pavement	Location_2	Full length	2000	$600,000.00	50	$600,000.00	1	1
10003	Kerb and Gutter	Location_3 - Kerb and Gutter	Location_3		2000	$400,000.00	50	$400,000.00	1	1
10004	Footpath	Location_4 - Footpath	Location_4	Full length	2000	$72,000.00	50	$72,000.00	1	1
10005	Wearing Surface	Location_5 - Wearing Surface	Location_5	Full length	2000	$32,000.00	18	$32,000.00	2	2
10006	Pavement	Location_6 - Pavement	Location_6	Full length	2000	$200,000.00	50	$200,000.00	1	1
10007	Kerb and Gutter	Location_7 - Kerb and Gutter	Location_7		2000	$100,000.00	50	$100,000.00	1	1
10008	Footpath	Location_8 - Footpath	Location_8		2000	$24,000.00	50	$24,000.00	1	1
10009	Wearing Surface	Location_9 - Wearing Surface	Location_9	Full length	2000	$16,000.00	18	$16,000.00	2	2
10010	Pavement	Location_10 - Pavement	Location_10	Full length	1975	$100,000.00	50	$100,000.00	4	4
10011	Kerb and Gutter	Location_11 - Kerb and Gutter	Location_11		1967	$100,000.00	50	$100,000.00	4	4
10012	Footpath	Location_12 - Footpath	Location_12		1975	$12,000.00	50	$12,000.00	4	4
10013	Wearing Surface	Location_13 - Wearing Surface	Location_13	Full length	1994	$16,000.00	18	$16,000.00	3	3
10014	Pavement	Location_14 - Pavement	Location_14	Full length	1969	$100,000.00	50	$100,000.00	3	3
10015	Kerb and Gutter	Location_15 - Kerb and Gutter	Location_15		1970	$100,000.00	50	$100,000.00	4	4
10016	Footpath	Location_16 - Footpath	Location_16		1969	$30,000.00	50	$30,000.00	4	4
10017	Wearing Surface	Location_17 - Wearing Surface	Location_17	Full length	2005	$32,000.00	18	$32,000.00	2	2
10018	Pavement	Location_18 - Pavement	Location_18	Full length	1998	$200,000.00	50	$200,000.00	2	2
10019	Kerb and Gutter	Location_19 - Kerb and Gutter	Location_19		1966	$200,000.00	50	$200,000.00	4	4
10020	Footpath	Location_20 - Footpath	Location_20		1998	$36,000.00	50	$36,000.00	3	3
10021	Pavement	Location_21 - Pavement	Location_21	Full length	1990	$600,000.00	20	$600,000.00	2	2
10022	Bridge	Location_22 - Bridge	Location_22	Dasher River	1985	$499,500.00	30	$499,500.00	3	3
10023	Wearing Surface	Location_23 - Wearing Surface	Location_23	Full length	2005	$96,000.00	18	$96,000.00	2	2
10024	Pavement	Location_24 - Pavement	Location_24	Full length	1999	$600,000.00	50	$600,000.00	2	2
10025	Kerb and Gutter	Location_25 - Kerb and Gutter	Location_25		1999	$400,000.00	50	$400,000.00	2	2
10026	Footpath	Location_26 - Footpath	Location_26		1999	$12,000.00	50	$12,000.00	3	3
10027	Wearing Surface	Location_27 - Wearing Surface	Location_27	Full length	1998	$360,000.00	18	$360,000.00	2	2
10028	Pavement	Location_28 - Pavement	Location_28	Full length	1991	$2,250,000.00	50	$2,250,000.00	2	2
10029	Wearing Surface	Location_29 - Wearing Surface	Location_29	Full length	2009	$80,000.00	13	$80,000.00	1	1
10030	Pavement	Location_30 - Pavement	Location_30	Full length	2003	$600,000.00	50	$600,000.00	1	1
10031	Kerb and Gutter	Location_31 - Kerb and Gutter	Location_31		1967	$400,000.00	50	$400,000.00	4	4
10032	Footpath	Location_32 - Footpath	Location_32	Full length	2003	$36,000.00	50	$36,000.00	3	3
10033	Wearing Surface	Location_33 - Wearing Surface	Location_33	Full length	1998	$48,000.00	18	$48,000.00	3	3
10034	Pavement	Location_34 - Pavement	Location_34	Full length	1994	$300,000.00	50	$300,000.00	3	3
10035	Kerb and Gutter	Location_35 - Kerb and Gutter	Location_35		1964	$300,000.00	50	$300,000.00	3	3
10036	Footpath	Location_36 - Footpath	Location_36		1964	$30,000.00	50	$30,000.00	3	3
10037	Wearing Surface	Location_37 - Wearing Surface	Location_37	Full length	1997	$56,000.00	13	$56,000.00	3	3
10038	Pavement	Location_38 - Pavement	Location_38	Full length	1966	$420,000.00	50	$420,000.00	2	2
10039	Kerb and Gutter	Location_39 - Kerb and Gutter	Location_39		1986	$280,000.00	50	$280,000.00	2	2
10040	Footpath	Location_40 - Footpath	Location_40	Full length	1986	$36,000.00	50	$36,000.00	2	2
10041	Wearing Surface	Location_41 - Wearing Surface	Location_41	Full length	1997	$80,000.00	18	$80,000.00	3	3
10042	Pavement	Location_42 - Pavement	Location_42	Full length	2005	$500,000.00	50	$500,000.00	1	1
10043	Kerb and Gutter	Location_43 - Kerb and Gutter	Location_43		2005	$200,000.00	50	$200,000.00	1	1
10044	Footpath	Location_44 - Footpath	Location_44		2005	$48,000.00	50	$48,000.00	3	3
10045	Bridge	Location_45 - Bridge	Location_45	Unnamed Ck	1973	$72,000.00	60	$72,000.00	2	2
10046	Wearing Surface	Location_46 - Wearing Surface	Location_46	Full length	1995	$48,000.00	18	$48,000.00	4	4
10047	Pavement	Location_47 - Pavement	Location_47	Full length	1988	$300,000.00	50	$300,000.00	3	3
10048	Kerb and Gutter	Location_48 - Kerb and Gutter	Location_48		1988	$300,000.00	50	$300,000.00	4	4
10049	Footpath	Location_49 - Footpath	Location_49		1970	$30,000.00	50	$30,000.00	4	4

4. Click on the Continue button and refer to the Verification results. If there are any errors in the file, use the results csv file to identify and correct them. Click on the Continue import button to add the data to your model:

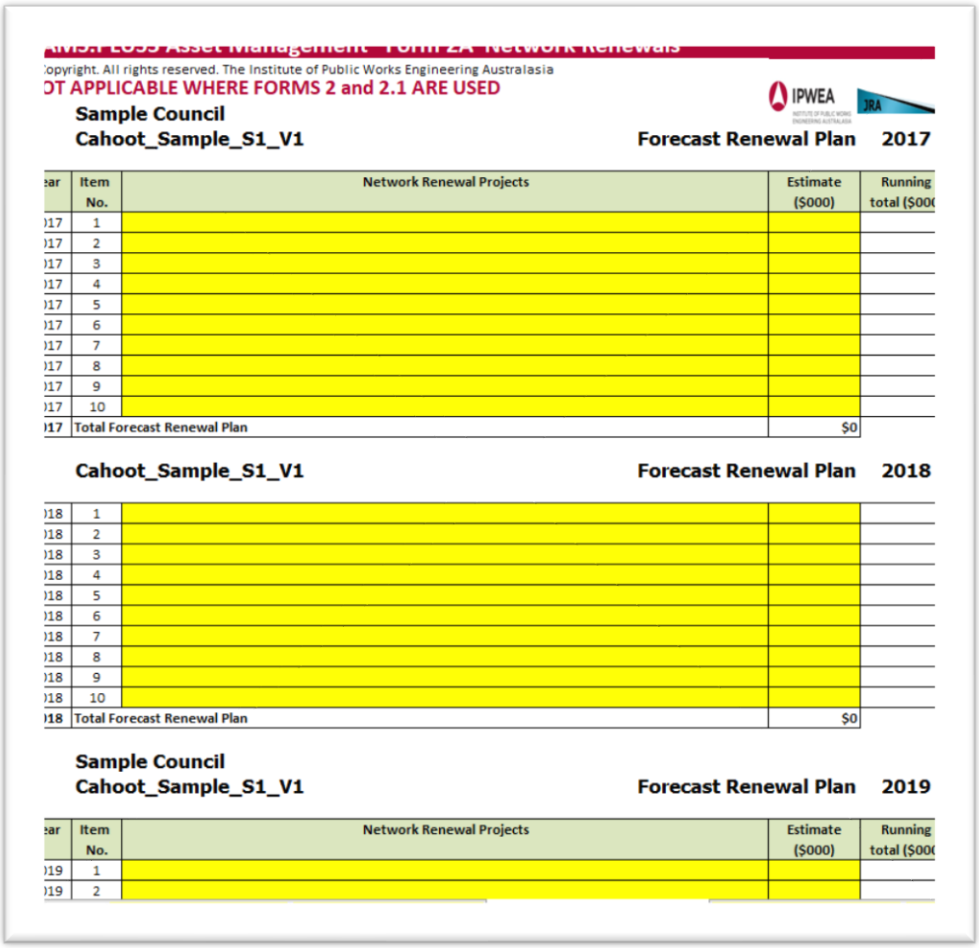


5. The file will be loaded into your model and the Lifecycle Summary graph will update with the results.


NAMS+
123131 Settings 27. Feb 2020 Logout
All Lifecycle Models
Facilitator Admin
Method 1 Sample
2019 - 2038
Register Method
V: 1
ACQUISITION
OPERATION
MAINTENANCE
RENEWAL
DISPOSAL
Planned Budget
Lifecycle Forecast
LEARN MORE...
Calculated CRC
$ 0
Current Replacement Cost (CRC)
0
Renewal Forecast - Asset Register Method
Asset Name
CRC Now
Year Acquired
Updated Useful Life
Renewal Cost
Location_1 - Wearing Surface 80,000 2010 13 80,000
Location_2 - Pavement 600,000 2000 50 600,000
Location_3 - Kerb and Gutter 400,000 2000 50 400,000
Location_4 - Footpath 72,000 2000 50 72,000
Location_5 - Wearing Surface 32,000 2000 20 32,000
Location_6 - Pavement 200,000 2000 50 200,000
Location_7 - Kerb and Gutter 100,000 2000 50 100,000
Location_8 - Footpath 24,000 2000 50 24,000
Location_9 - Wearing Surface 16,000 2000 20 16,000
Location_10 - Pavement 100,000 1975 50 100,000
Lifecycle Summary
$30,000,000
$25,000,000
$20,000,000
$15,000,000
$10,000,000
$5,000,000
$0
2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038
Operation
Maintenance
Renewal
Acquisition
Disposal
Budget

Alternate Method (Method 2 & 3)

1. If using the Alternate method, follow the same steps and use the forecast template provided to enter data.
2. Columns with ***Year, Project Name*** and ***Estimate*** can be uploaded or manually entered. Note: Item no. is ***not*** required from Form 2A Network Renewals.



OT APPLICABLE WHERE FORMS 2 and 2.1 ARE USED

Sample Council
Cahoot_Sample_S1_V1 **Forecast Renewal Plan 2017**

ear	Item No.	Network Renewal Projects	Estimate ($000)	Running total ($00
017	1			
017	2			
017	3			
017	4			
017	5			
017	6			
017	7			
017	8			
017	9			
017	10			
017	Total Forecast Renewal Plan		$0	

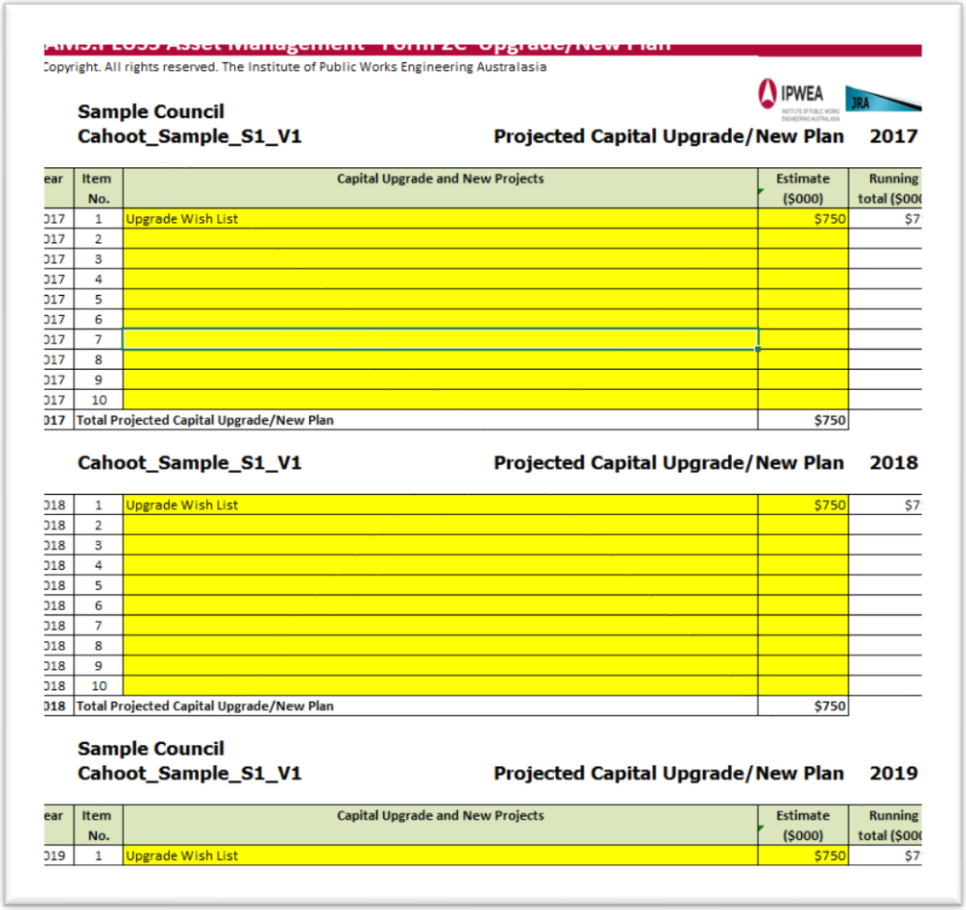
Cahoot_Sample_S1_V1 **Forecast Renewal Plan 2018**

018	1			
018	2			
018	3			
018	4			
018	5			
018	6			
018	7			
018	8			
018	9			
018	10			
018	Total Forecast Renewal Plan		$0	

Sample Council
Cahoot_Sample_S1_V1 **Forecast Renewal Plan 2019**

ear	Item No.	Network Renewal Projects	Estimate ($000)	Running total ($00
019	1			
019	2			

3. Form 2C Upgrade New Plan directly relates to the Acquisition activity area:



Sample Council
Cahoot_Sample_S1_V1 **Projected Capital Upgrade/New Plan** **2017**

ear	Item No.	Capital Upgrade and New Projects	Estimate ($000)	Running total ($00
017	1	Upgrade Wish List	$750	$7
017	2			
017	3			
017	4			
017	5			
017	6			
017	7			
017	8			
017	9			
017	10			
017	Total Projected Capital Upgrade/New Plan		$750	

Cahoot_Sample_S1_V1 **Projected Capital Upgrade/New Plan** **2018**

018	1	Upgrade Wish List	$750	$7
018	2			
018	3			
018	4			
018	5			
018	6			
018	7			
018	8			
018	9			
018	10			
018	Total Projected Capital Upgrade/New Plan		$750	

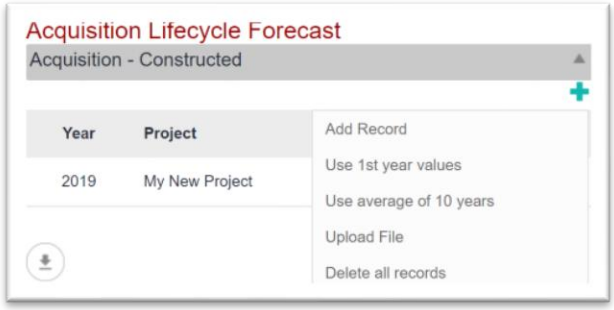
Sample Council
Cahoot_Sample_S1_V1 **Projected Capital Upgrade/New Plan** **2019**

ear	Item No.	Capital Upgrade and New Projects	Estimate ($000)	Running total ($00
019	1	Upgrade Wish List	$750	$7

4. Click on the Acquisiton 

button and enter the Lifecycle Forecast 

area.
5. The Lifecycle Forecast area allows data to be entered for Constructed, Contributed/Donated or Growth. Click on the + button to either upload or manually enter data into the activity area.

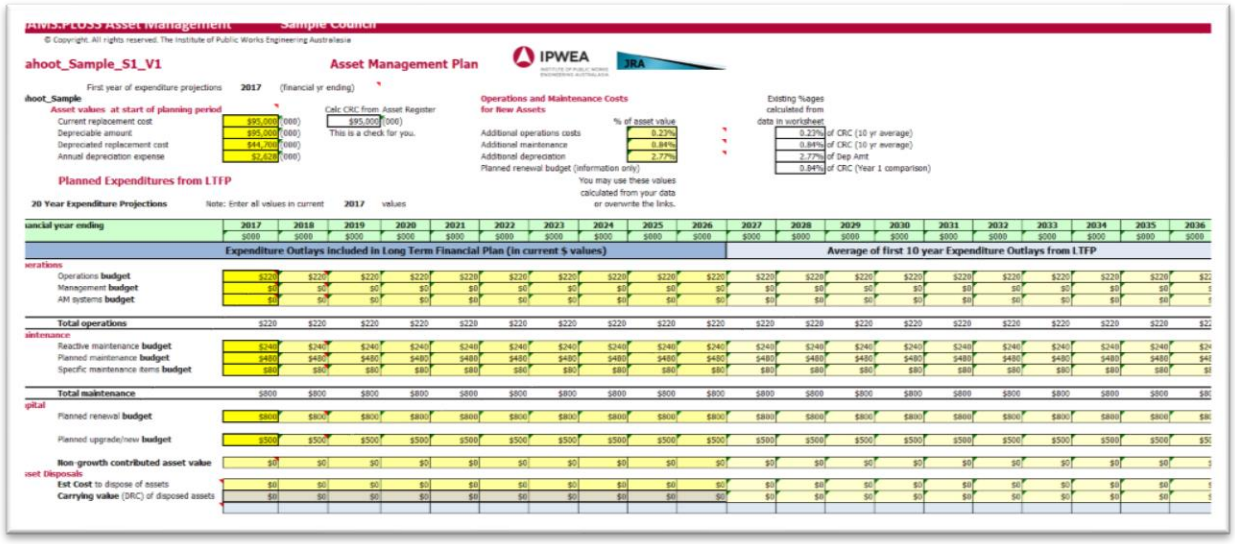


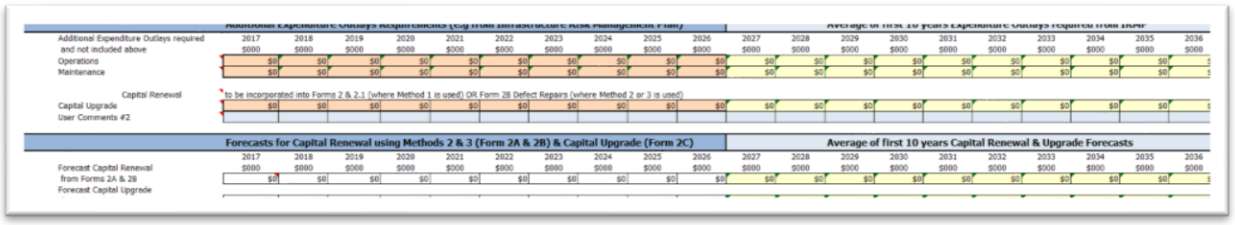
6. After one record has been entered, the + button drop-down will display additional functions to allow the sum of the first year to be used or the average of the first 10 years. Alternatively, data can be uploaded into the Acquisition-Constructed area.
7. Acquisition – Contributed and Growth can also be entered by clicking on the down arrow next to the heading.

8. Click on the + button near Assets by Growth to begin entering the Acquired Assets from Growth percentages.

Step 3: Asset Values, Additional Operation and Maintenance costs, Budgets and Disposals

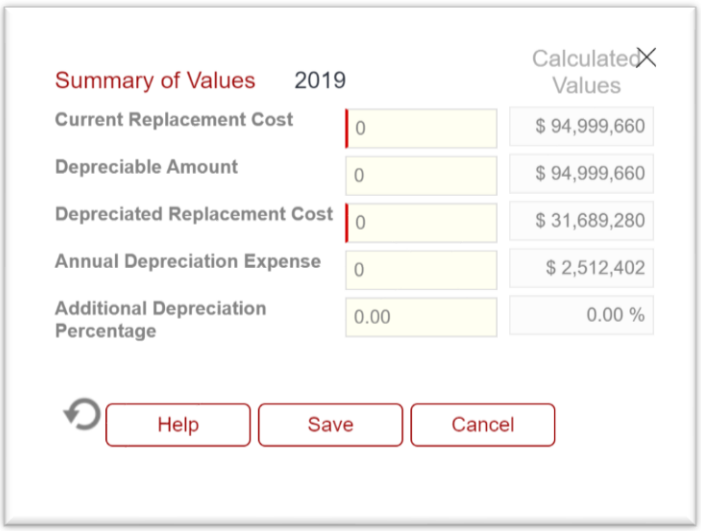
Previously contained in Form 3 Expenditure Planning, model information has been divided into each activity area.





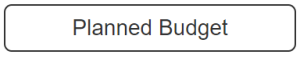
Asset Values

Click on the Asset Values icon at the top left of the NAMS+ page to enter the Asset Values. If creating an Asset Register method, these values will be calculated after uploaded an asset register, but will need to be confirmed by entering the values into the yellow shaded fields.

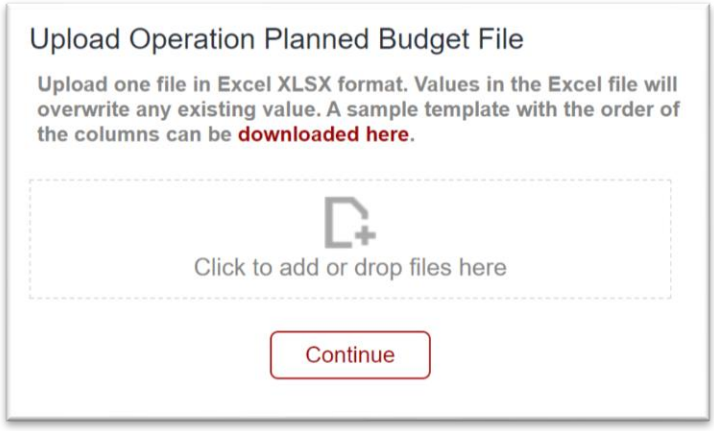


Operation and Maintenance

Operation and maintenance activity budget areas will be used to calculate the respective lifecycle forecast of each area. Enter the data into the Planned Budget area by clicking on the Planned Budget



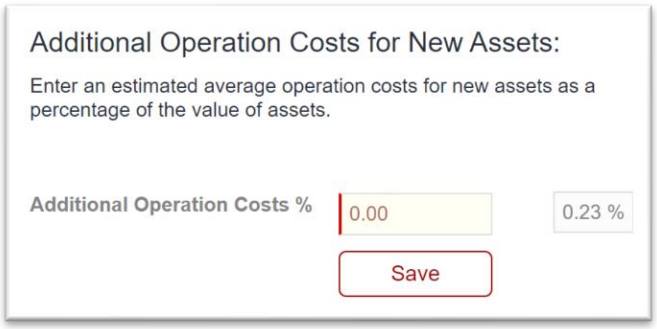
button and then clicking on the + button. Data can be added manually or uploaded using the Excel template available on the upload screen:



Click on the large red numbers in Operation (or green in maintenance):

Or click on

and then click on the + button and select Add Operations Costs % to enter the additional Operation Costs for New Assets:



This value will be calculated but will need to be confirmed by entering it into the yellow shaded field.

Budgets

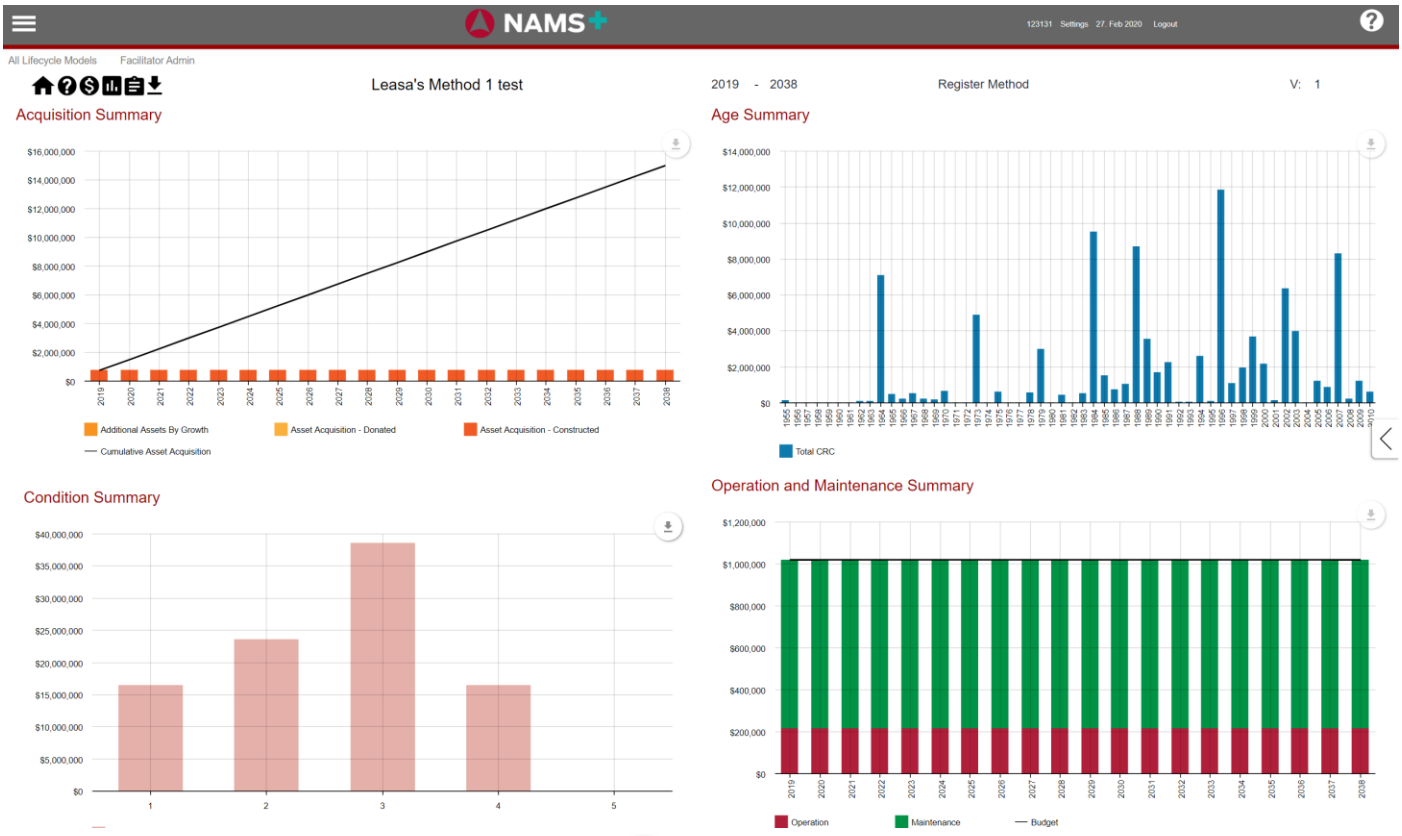
Each activity area has lifecycle forecast and planned budget areas. Data can be entered by manually entering the values, using the 1st year values, using the average of 10 years or uploading an excel file.

Disposals

The Disposal Lifecycle Forecast area also allows for entry of values for the carrying value ($DRC) for disposed assets, the $CRC, $DA and cost of disposing the assets.

Step 4: Reviewing the Reports and Graphs

Click on the Graphs button or Reports button on the top left-hand side of the screen to review the data.



Graphs can be download directly by clicking on the button on each graph.

Step 5: Creating an Asset Management Plan

Click on the Create Document button to create a document with the relevant graphs and reporting data detailed within.