

NAMS.PLUS

A guided pathway to sustainable asset management

TEMPLATES | eBook | ONLINE MODELLING
HELP DESK | WORKSHOPS | eNEWS

'a step by step structured program to writing asset management plans'

'cash flow projections for long term financial plans'

NAMS.PLUS Workshops

Participants attend all 2 x 2 day workshops (4 Blocks) over a period of 6-8 weeks apart to complete the program

Tasks are set between workshops to assist towards writing asset management plans

Only NAMS.PLUS subscribing organisations can attend training workshops

NAMS.PLUS provides the tools and guidance to assist organisations write their own asset management plans

The program provides detailed step by step guidelines in the form of an eBook, a suite of templates, online modelling tools, help desk, and support workshops

A series of 4 workshops each spaced a few months apart take participants through the **NAMS.PLUS** program; tasks are set for completion between workshops

Outcome: asset management plans & financial projections to input into your organisations long term financial plan

NAMS.PLUS is subscription based. An organisation pays an upfront fee to join the program which includes 12 months subscription to updates, online modelling, newsletters, help desk and online access to templates

Workshops are scheduled as a series of 4 building blocks at locations based on demand & take up of the program

The suite of templates include • asset management plan • AM policy • risk management register & plan • remaining & useful life assessment • growth, renewal & expenditure projections model • capability gap analysis

NAMS.PLUS is applied at a network level using a core approach based on the International Infrastructure Management Manual framework. Future development of the program will include assistance with more advanced asset management.

IPWEA NAMS.PLUS Sustainable Asset Management Program and Training Workshops

A guided pathway to sustainable asset management

The International Infrastructure Management Manual (IIMM) describes two approaches to asset management, 'core' and 'advanced'.

The objective of the NAMS.PLUS training program is to assist participants to write their first Asset Management Plans – based on a 'core' or 'basic' approach.

NAMS.PLUS provides tools and guidance to assist organisations to write their first plans. Organisations have stumbled in their implementation of Asset Management by making it too complicated or by getting lost in the never ending cycle of data collection.

NAMS.PLUS training is supported by a suite of templates, tools and a guided pathway to implementation of asset management planning.

A national framework

The IPWEA NAMS.AU 'sustainability' approach is essentially based on 3 key elements:

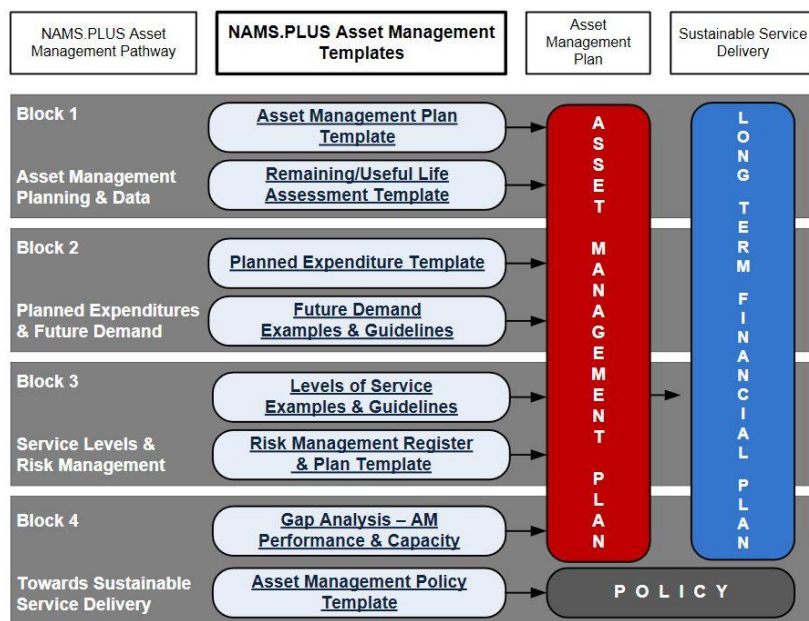
1. Stewardship. The Role of Elected Members. [Refer AM DVD]
2. **Asset Planning.** Managing existing as well as new.
3. Financial Planning. An essential part of business.

The above 3 elements provide an integrated framework for implementing a sustainable approach to the management of community infrastructure.

Asset management plans provide the expenditure projections that input into long term financial plans as an essential part of doing business. Elected members can then make informed choices for the future. NAMS.PLUS focuses on implementation of element 2 'Asset Planning'.

NAMS.PLUS provides a national approach and access to:

- Training and support workshops
- A suite of asset management planning templates and guidelines,
- A guided pathway to sustainable service delivery (in form of an eBook),
- Templates and online modelling tools,
- On-line Help Desk support service pooling the resources of all NAMS.PLUS users and specialists in an online discussion forum (extension of existing AssetMates forum).



NAMS.PLUS Training Workshops

Training and Support Workshops are programmed on a Regional basis. These provide face-to-face guidance for development of Asset Management Plans using the NAMS.PLUS system of templates and guidelines.

A series of 4 Workshops spaced about 2-3 months apart take the participant through the NAMS.PLUS templates so that at the end of the program of Workshops they have written their first asset management plan.

The NAMS.PLUS Pathway comprises 4 building blocks of Training Workshops:

Workshop No.	Workshop Topics
Block 1	Asset Register data, Condition assessment and remaining/useful life review template, Asset Management Plan (AMP) template.
Block 2	Financial Modelling, New assets from growth, Renewal planning, Expenditure projections.
Block 3	Levels of Service, Infrastructure Risk Management Plan template.
Block 4	Managing the funding gap, Completing the AMP, Improvement plan, Links to Long Term Financial Plan.

The Sustainable Asset Management Pathway comprises 4 building blocks of Training Workshops:

Block 1 **Asset Management Planning and Data**
Block 2 **Expenditure Projections**
Block 3 **Service Levels and Risk**
Block 4 **Towards Sustainable Service Delivery**

Block 1 **Asset Management Planning and Data**

Block 1 takes Sustainable Asset Management participants through five steps:

Step 1. Introduction to asset management planning

The first step on the sustainable service delivery system journey is to increase awareness and understanding of sustainable service delivery and asset management principles and practices.

Step 2. Establish corporate asset management team

The next step is to form a corporate asset management team. Sustainable delivery of services requires a whole of organisation approach.

Step 3. Review of asset register data

As the AM planning process uses asset register data, it is essential that the data be as up to date and accurate as practical. This is a continuous improvement process.

Step 4. Commence asset management plan

The AM plan template uses data from existing organisation strategic plans, management and operational plans, financial reports and the asset register.

Step 5. Maintaining the corporate approach

It is essential that the Council/Board be kept informed of the sustainable service delivery and asset management program goals and programs.

Block 2 **Expenditure Projections**

Block 2 covers projections for new assets from growth, renewal modelling and expenditure projections:

Step 6. New assets from growth

New assets are constructed as part of development areas. They can be provided by the developer or constructed by Council. A templates and guidance is provided to estimate the value of these new assets.

Step 7. Renewal planning

This step takes an asset register and uses current replacement cost values and useful life estimates to estimate the cost to renew the asset and use online analysis to generate a draft 20 year renewal program.

Step 8. Expenditure projections

Expenditure estimates for the 20 year planning period are needed for operations, maintenance, planned capital renewals, capital upgrade and expansion and asset disposals.

Block 3 Service Levels and Risk

Block 3 covers two major inputs into the asset management plan, service levels and risks associated with providing services from infrastructure:

Step 9. Service Levels

Service levels are the link between community need satisfaction and costs of providing the service. Decisions to provide an increased level of service will require additional funding to provide the service in most cases.

Step 10. Infrastructure risk management plan

There are risks in providing service from infrastructure that may result in injury or death to people, loss of the service and increased costs. NAMS.PLUS includes templates and guidelines to assist identify, evaluate & plan for risks.

Block 4 Towards Sustainable Service Delivery

Step 11. Managing a funding gap

The shortfall in renewal expenditure is a result of a difference between forecast and planned renewals. The funding gap needs to be managed. Managing the gap is a continuous improvement process involving a number of options.

Step 12. Completing the asset management plan

Sustainable asset management guides you through completion of the infrastructure and asset management plan drawing together your previous work and the draft renewal program.

Step 13. Improvement plan

The AM process is one of continuous improvement. A tool is provided to assist in identifying and prioritising future work activities to improve the quality of the first infrastructure and asset management plan in subsequent updates and revisions.

Step 14. Links to long term financial plan

20 year expenditure projections generated by the sustainable asset management online tools provide inputs into your organisations long term financial plan.

Step 15. Asset management policy

The implications of an asset management policy should now be understood. The AM knowledge base now available can form the basis for ongoing service delivery and asset management policy discussions and investment decisions.

NAMS.PLUS Sustainable Service Delivery Templates

The **NAMS.PLUS** sustainable service delivery templates include:

- Remaining/useful life assessment,
- Asset management plan template and guidelines,
- Infrastructure risk management plan and guidelines,
- Infrastructure risk register,
- Growth, renewal and expenditure projections model and guidelines,
- Sustainable asset management capability gap analysis,
- Asset management policy and guidelines.

Asset management plan templates are provided to member participants. They are based on the IPWEA International Infrastructure Management Manual (IIMM). The Infrastructure Risk Management Plan template is developed from AS/NZS 4360:2004.

Help Desk Support Services

'Help desk' support services are provided through IPWEA's NAMS.PLUS HelpDesk, an online discussion forum that allows registered NAMS.PLUS users to ask questions and comments on topics relating to use of the NAMS.PLUS templates and guidelines. Questions are distributed to all NAMS.PLUS users, who are able to respond with answers and suggestions. All questions, comments and responses are monitored and a moderated response will be provided where appropriate.

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