

Municipal Infrastructure Asset Management Pilot Project

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Our Presentation

1. The “Why”

- Community resilience: what is it?

2. The “How”

- Role of Asset Management and Long Term Financial Plan
- Sustainable Service Delivery
- Common Challenges

3. The “Project”

- Toolkit Development
- Pilot Projects, Town of Elk Point and Village of Boyle

4. The “Process”

- Partnership
- Qualifications Based Selection

The “Why”

resilience

/rɪˈzɪliəns/

noun

1. ability to recover from or adjust easily to misfortune or change.

Community Resilience =
Preparation + Reaction

Social

Natural

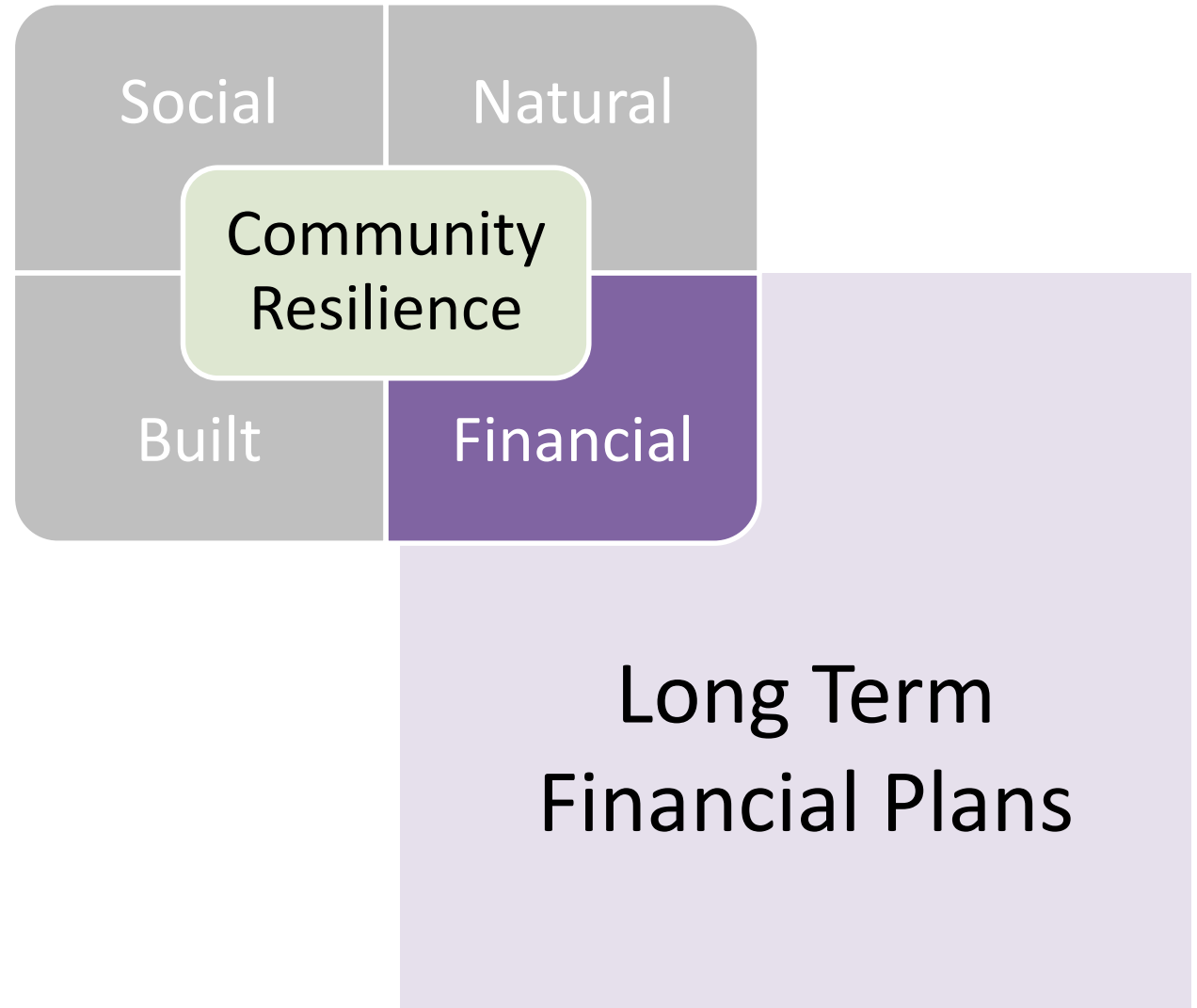
Community
Resilience

Built

Financial

The “How”

Preparation



“Long-term financial planning is the process of aligning financial capacity with long-term service objectives.”

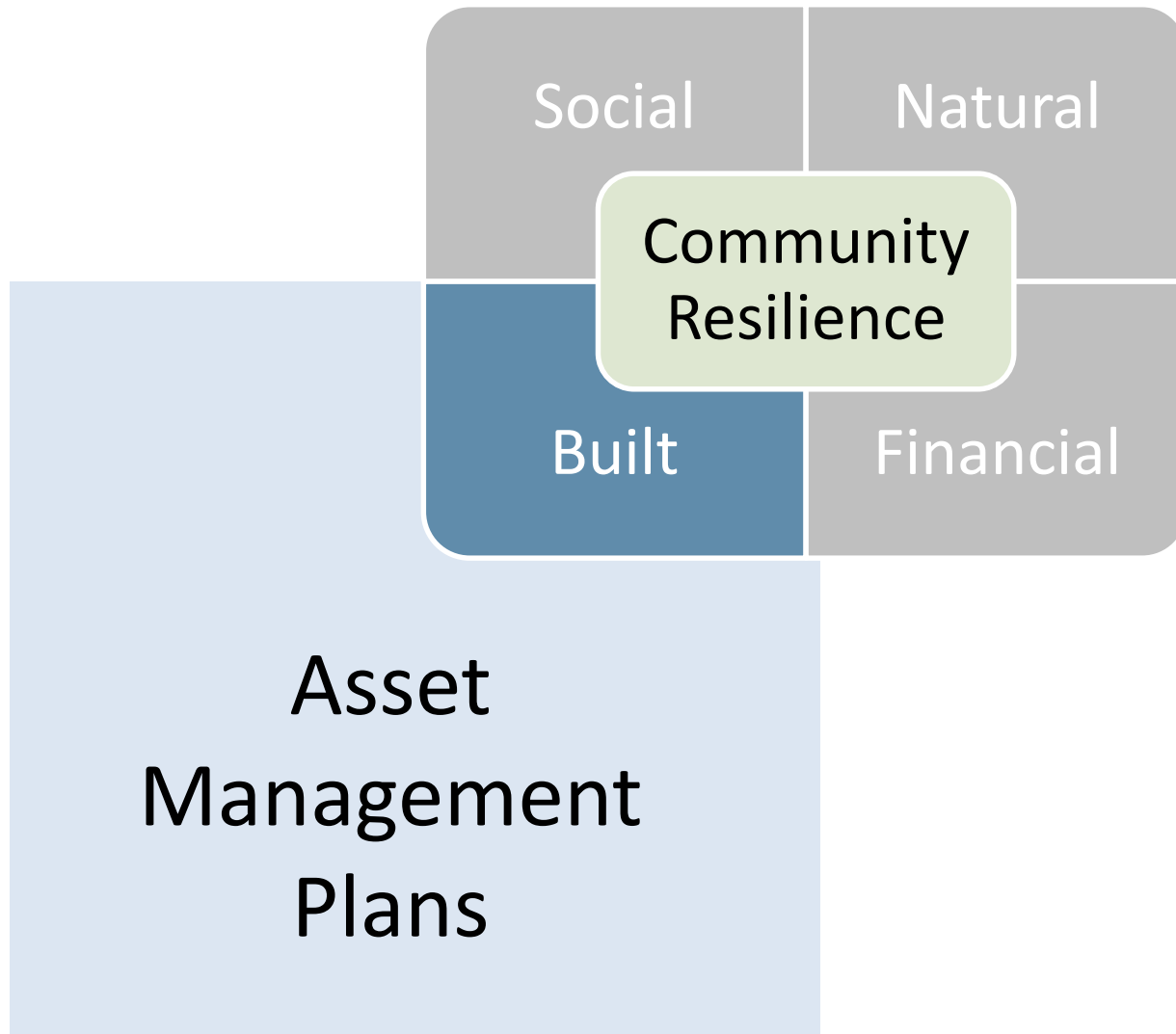
— *GFOA Long Term Financial Planning Best Practice*

Long term service objectives

- Maintain level of service?
- Increase level of service?
- Provide additional services?

And, adapt to what the future brings...

Preparation



Asset Management Definitions

Definitions can be found in Best Practices.

They are unique, but share some clear and important messages:

- Asset management is an ongoing process or approach, not a one-time project.
- Asset management is holistic and integrated.
- Asset management is about generating value and **sustainable service delivery**.

Sustainable Service Delivery

- Ensures that Current Community **Service Needs** are met
- Is **Delivered** in a Socially, Economically and Environmentally responsible manner
- Does not Compromise Ability of **Future Generations** to Meet their Needs.
- Considers **Community Priorities**
- Understanding the **Trade-offs** between Available **Resources** and **Desired Services**

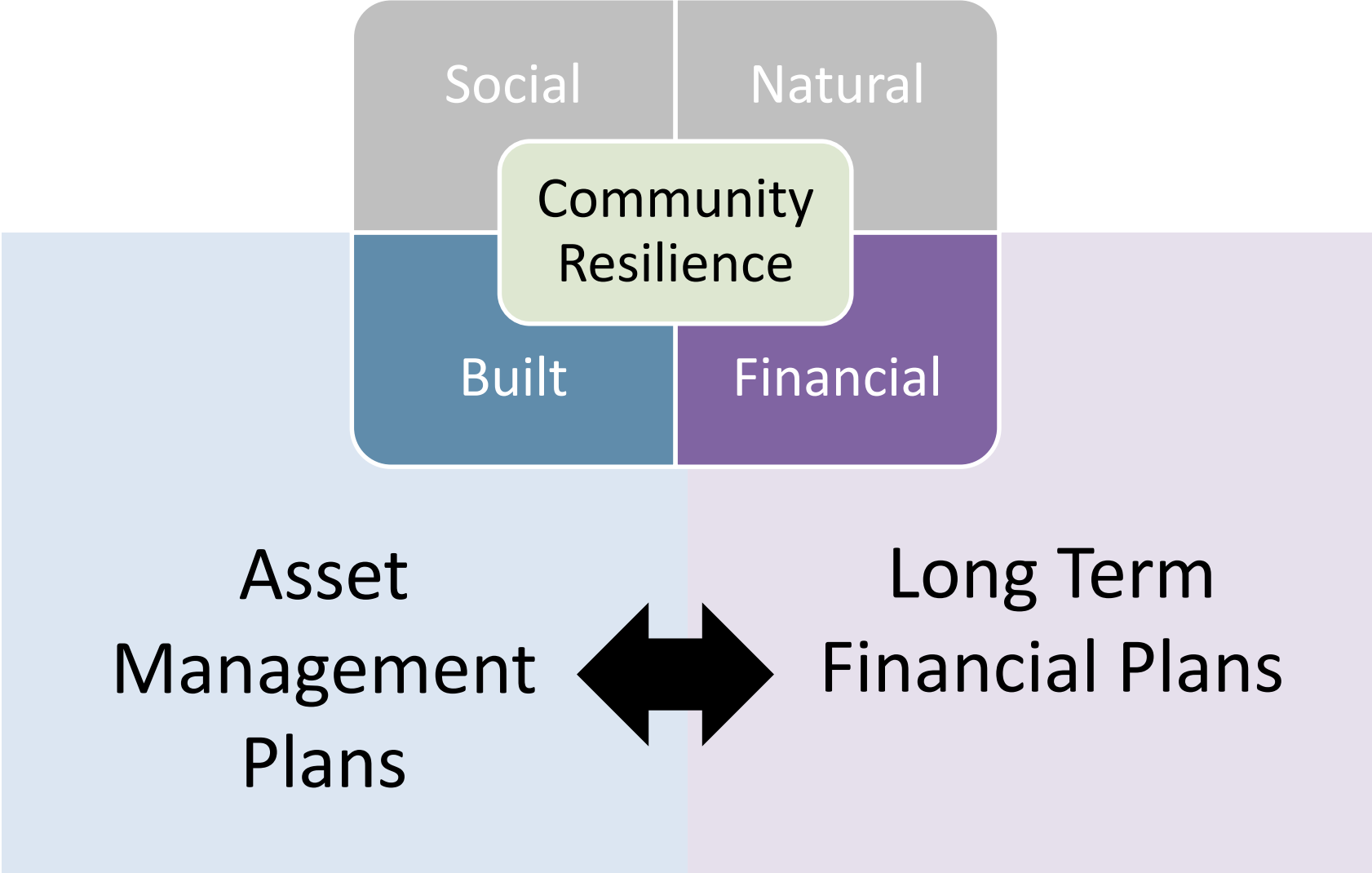
Asset Management

The **process** of bringing together the skills and activities of **people**; with **information** about the community's physical **infrastructure assets** and **financial resources** to ensure long term **sustainable service delivery**.

Common challenges

- Don't know where to start
- Lots of tools to choose from
- Lack of information
- Lack of resources – staff and time
- Lack of public awareness of cost of servicing
- Inadequate funding
- Needs of the past aren't the needs of the future
 - Changing regulations
 - Changing weather patterns
 - Changing service expectations

Linking Needs and Affordability



AMP

- Risk: what is acceptable?
- Prioritize improvements
- Evaluate future needs

LTFP

- Revenue generation
- Reduce costs
- Financial policies in place

The “Project”

Objectives

1. To Develop an Asset Management Toolkit that can be used by Alberta's small municipalities.
 - Considers their unique constraints and opportunities
 - Is used as a framework for defining the scope and process of developing Asset Management Plans
 - Provides an approach to decision making and infrastructure planning, and pro-active investment in their communities.

Objectives

2. The Pilot Project: Town of Elk Point and Village of Boyle
 - Provides the communities with an Asset Management Investment Plan

The “Process”

Partnership

- Town of Elk Point and Village of Boyle
- Assistance from Consulting Engineers of Alberta (CEA)
- Grant funding provided by Alberta Municipal Affairs
- On-going communication with AUMA and AAMD&C
- Engaged Process with all stakeholders

Qualifications Based Selection

- CEA is promoting the use of QBS in procurement process.
- This project used the QBS in selecting the consultant (Urban Systems).
- Some benefits of the process are:
 - Ability to compare apples to apples in selection process
 - Collaborative process in scoping the project
 - Clarity on project scope and deliverables
 - Better understanding of risks

Questions?