

Energy & Conservation Commission Update

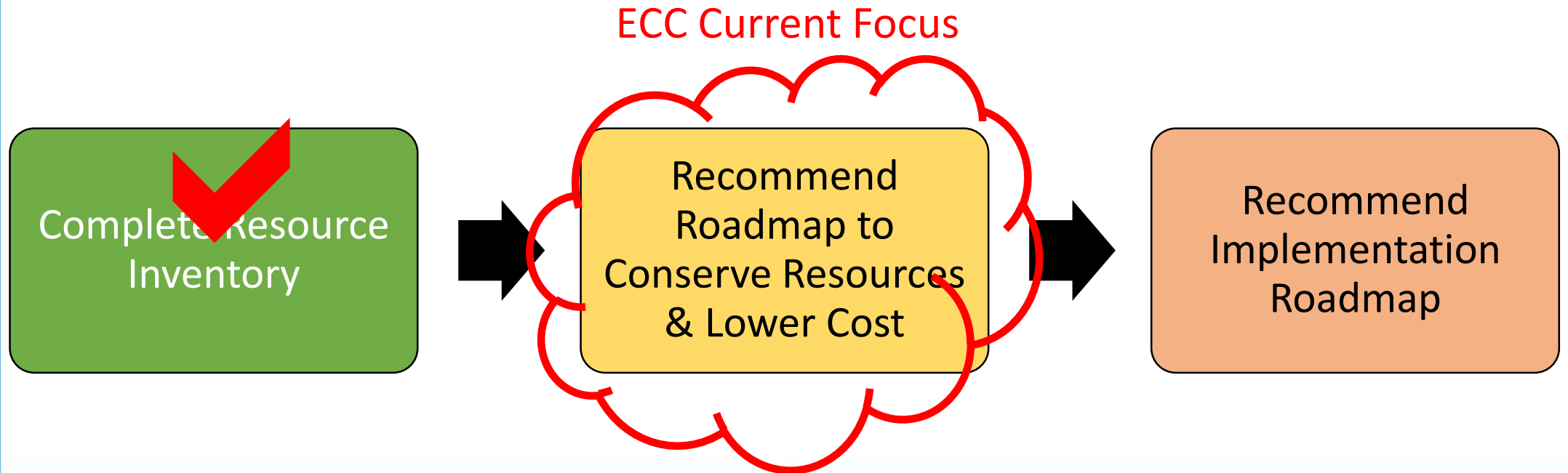
November 15, 2021

Billings
ENERGY AND
CONSERVATION
COMMISSION





Goals of the ECC





What are we using for our roadmap?



Billings accepted a grant in April 2021 (fee waiver and technical assistance) for the LEED for Cities Local Government Leadership Program



Why LEED for Cities

- Brands City as a leader in sustainable governance
- Demonstrates a commitment to conservation, resilience and quality of life
- Unifies a number of community priorities under a common vision
- City of Billings has proven sustainability reduces costs
- Exclusive club - Only 120 Cities in the US are Certified



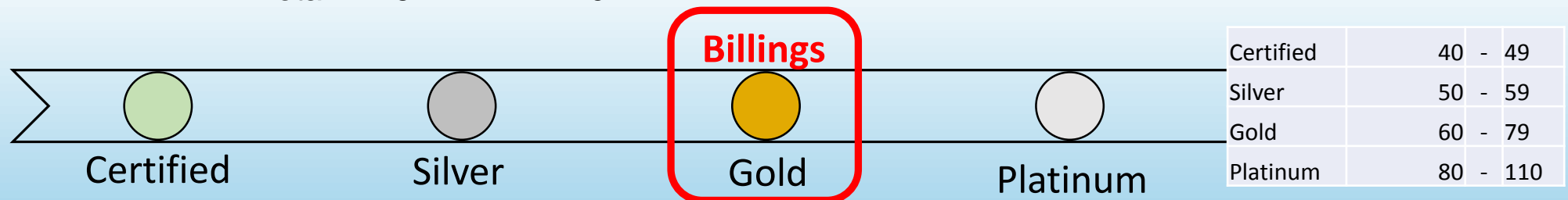
Certification is a 12-Month Process





LEED Structure & Benchmark Results

Category	Points	Possible	Comments
Integrative Process	1	5	Lack of Green Building Policy
Natural Systems	8	9	Exceptional amount of green space
Transportation	8	15	Good VMT but lack of compact development
Water	5	11	High water use per capita
Energy	21	30	60-70% Carbon Free Power, Landfill Methane
Solid Waste	2	10	Lack of diversion
Quality of Life	9	20	Lack of data in this area
Innovation	6	6	Gas recovery at landfill, Shiloh conservation area
Regional Priority	4	4	
Total	64	110	





ECC Conservation Strategy

1 Certify and utilize LEED for Cities Framework

2 Driven by existing Strategic Plan, CIP and ECC recommendations

	2021	2022	2025	2027	2030
Integrative Process	■		■		■
Natural Systems		■ ■	■ ■		■ ■
Transportation	■	■ ■		■ ■ ■	
Water	■ ■	■	■ ■ ■		■ ■
Energy		■ ■		■ ■ ■	
Waste	■		■ ■		
Quality of Life	■	■	■	■	■
Leed Level	Silver		Gold		Platinum

- City Strategic Plan
- CIP
- ECC Augment Program

3 Increasing Cost Reductions and Certification Rating



Conclusions

- Billings has implemented a high-quality sustainability program that has resulted in significant savings to the City.
- These efforts position the City to certify at LEED for Cities Gold just continuing to do what it is doing.
- Preliminary assessment indicates that with the successful implementation of the current CIP and strategic plan Billings would be tracking towards LEED Platinum.
- Certification will brand Billings as a well-run, sustainable city that is an emerging criteria for economic development and city financing.



Discussion Topics/Questions

- General reaction to the strategy
- Process to overlay existing department strategies into the LEED framework to create a plan through 2030