



MAINTENANCE & PLANNING

The keys to managing an aging facility

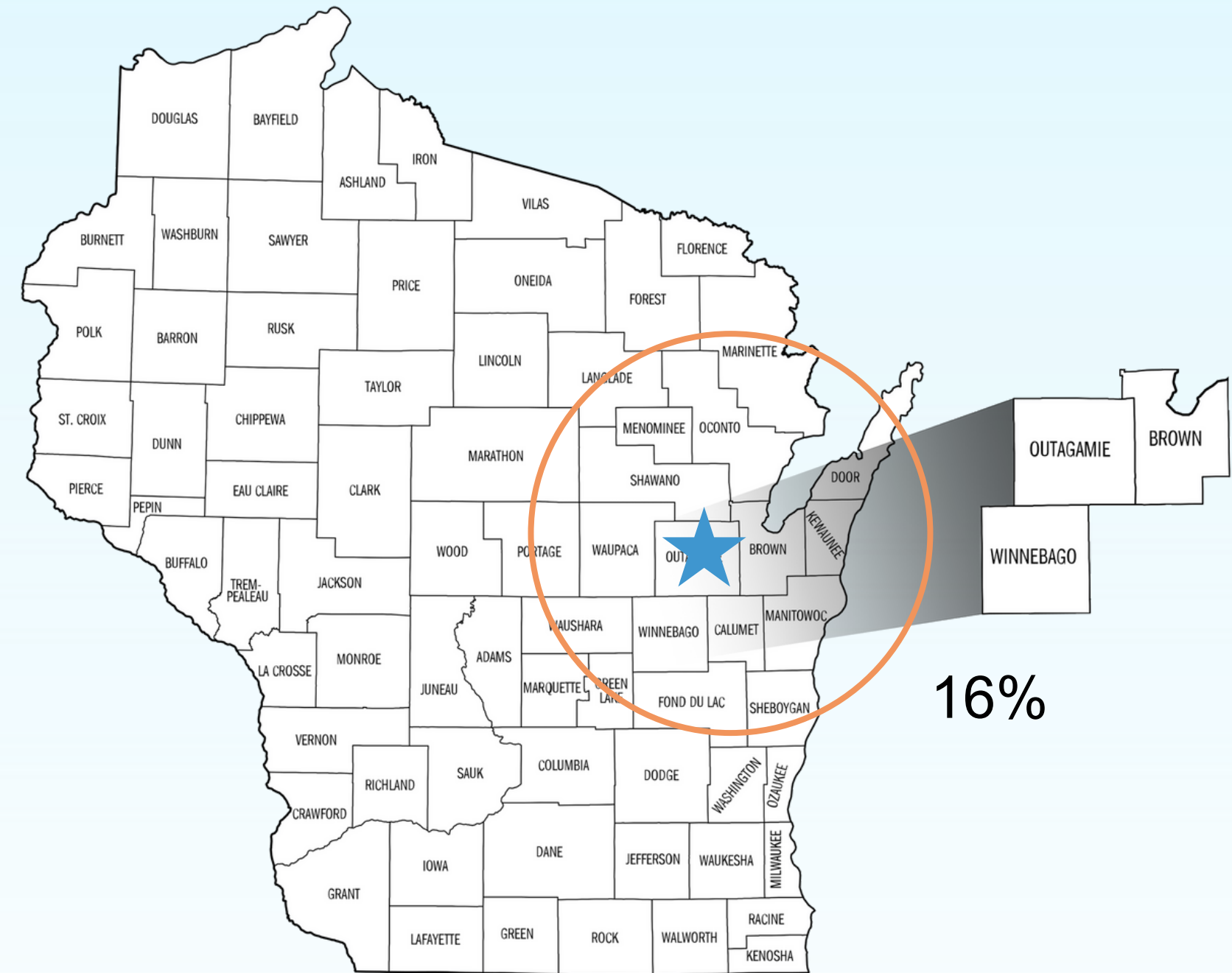




In 2001, Brown, Outagamie, and Winnebago Counties joined forces to form the Tri-County Regional Partnership. This cooperative agreement paved the way for the development of a regional recycling system that would serve municipalities in all three counties. In 2008, the agreement was amended to include the planning, construction, and operation of a new single stream recycling facility, located in Appleton and operated by Outagamie County. The operations of the Tri-County facility began in July of 2009 and today continues to serve residents of Northeast Wisconsin, providing cost-efficient processing of recyclable materials that are banned from landfill disposal.

Our recycling Facility

- Facility located in Appleton, WI
- BHS single stream system installed 2009
- 25 TPH
- MRFShed serves 16% of WI population
- 80,000 annual tons
- 2 production shifts, 3rd shift maintenance
 - Monday - Friday



UPGRADES AND RETROFITS

Evaluating available and upcoming technologies – Opticals, AI robotics, what's next for the industry?

County Policies

5 year planning of Capital projects

Enterprise Funds

Budget Approval



Andela Glass Clean Up System



NRT Optical for Sorting PET



3 Amp Robotics sorting plastics & aluminum

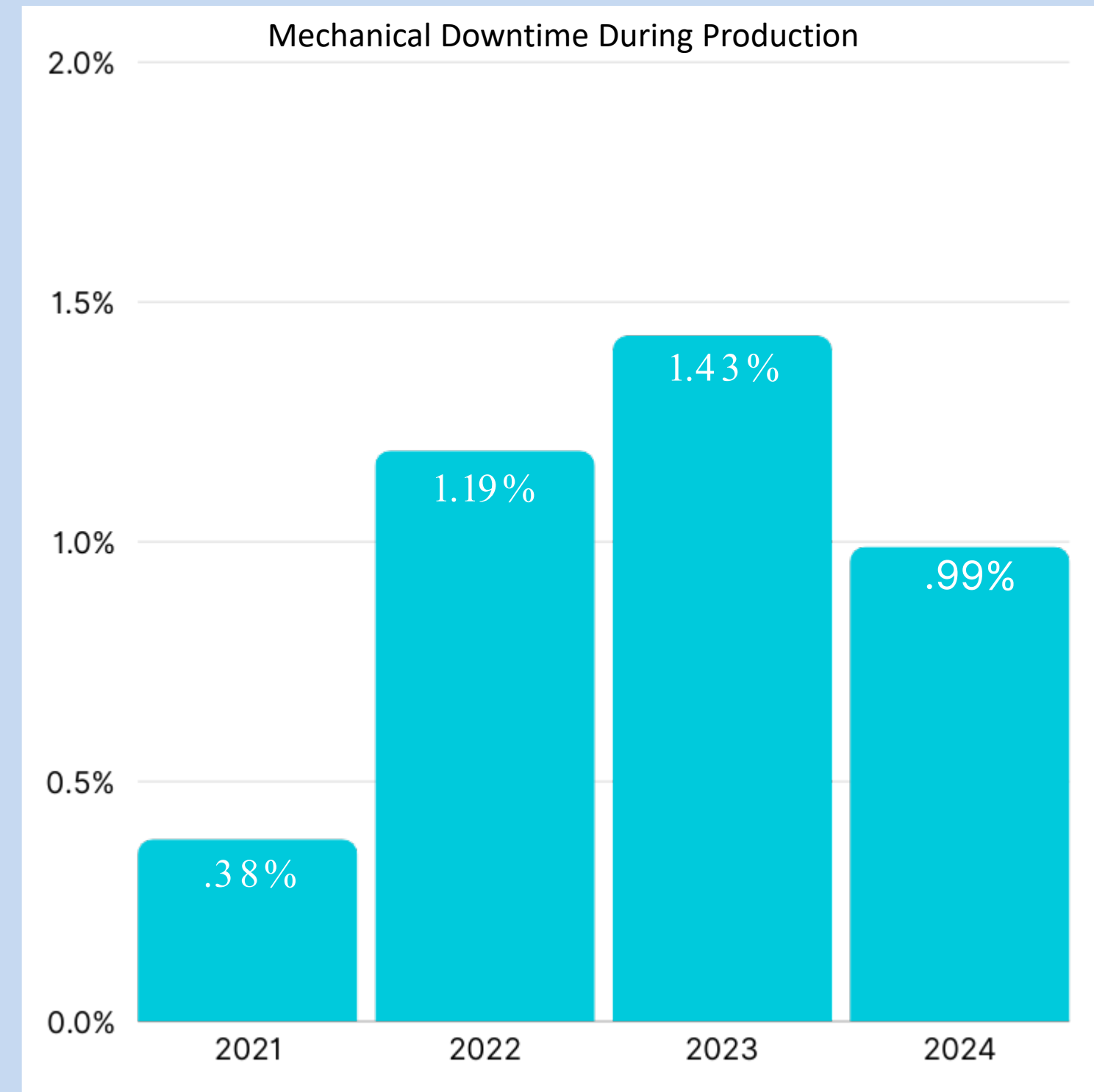
Maintenance of an Aging facility

In house capabilities vs 3rd party vendor

- available time and skills
- PMs vs unplanned
- flexibility for scheduling and personnel
- costs

Rebuilding bones

- Capital vs maintenance cost
- OEM vs local manufacturer for repairs



Lo n g Ter m Pl a n n i n g

- Rec y c l i n g Tr e n d s
- Rec y c l i n g Ma r k e t s
- Life o f Eq u i p m e n t
 - a r e Pa r t s / S o f t w a r e o b s o l e t e ?
- Number o f s h i f t s
 - St a f f i n g l e v e l s
- c a p a c i t y
 - p o p u l a t i o n g r o w t h

Outagamie County Mission Statement:

Provide our communities with exceptional materials management and educational services using safe and environmentally sound operational practices

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Tri-County Recycling

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