HOW WA CITIES ARE SPARKING INNOVATION & ECONOMIC DEVELOPMENT
CLEAN MANUFACTURING + PRODUCTION

JUNE 26TH
Center for Sustainable Infrastructure, City of Spokane, City of Kennewick

Introductions

- Rhys Roth Director, Center for Sustainable Infrastructure
- Scott Simmons Director, Public Works, Spokane
- Miles Thomas Manager of Economic Development, Kennewick
The Center for Sustainable Infrastructure
A Little About Us

We champion a smarter paradigm and investment discipline to help the Northwest rethink how we spend billions and billions of dollars each year on infrastructure systems to build a stronger economy and create thriving communities.

We are a non-profit, founded 2013.

Clean Manufacturing + Production
Industrial Symbiosis

- Industrial Symbiosis connects co-located industries so that one’s ‘waste’ becomes another’s resource.
- The result: big material-energy-water savings for industry coupled with important GHG reductions and other environmental benefits.
WA CITY OPPORTUNITY:
EMBRACE DANISH PIONEERING MODEL
SUPPORTS INNOVATIVE ECONOMIC DEVELOPMENT,
TURES WASTE INTO RESOURCES, ENVIRONMENTAL
BENEFITS

http://www.symbiosis.dk/en/

- Municipality of 17,000 people
- $27 million annually in business savings
- Over 600,000 tons/yr in GHG reductions

SET THE STAGE

- Bi-partisan Delegation 2017
- Spokane Delegation 2018
- 2019 Bipartisan Industrial Symbiosis Bill
- Commerce Report due Dec 2019
CITIES RECOGNIZE OPPORTUNITY

- Spokane
- Kennewick
- Port Angeles
- Tenino
- Raymond
- Tacoma
- Centralia
- Goldendale

Circular Economy

Scott Simmons,
Public Works Director
Waste to Energy:
- Built in 1991
- Processes up to 800 tons of trash/day
- Generates 22 MW electricity
- Can power 13,000 homes annually
- Steam energy available
SMART Center:
• Opened in 2012
• Allowed City to move to single-stream recycling
• Can process up to 100,000 tons of recyclables/year

West Plains PDA:
• An Opportunity
Learning:
• Investment in understanding other approaches

District Heating:
• What are the options?
West Plains PDA:
• Amazon Distribution Center

Infrastructure Partnership:
• $44 M in infrastructure improvements
• Regional partners
• $14 M BUILD grant
West Plains PDA:
• Mullen Electric Cars

Biogas: Completing the Cycle
Thank you!

KENNEWICK:
RETHINKING DOWNTOWN
ECONOMIC DEVELOPMENT + INNOVATION

Reimagining Craft Industries in the Downtown Core
bridge-to-bridge / river-to-rail
prior condition

partnerships in redevelopment
bridge-to-bridge / river-to-rail

programming redevelopment
bridge-to-bridge / river-to-rail
infrastructure affordability

Your Craft
WANTED HERE KENNEWICK

bev craft

Brewery Operations

Plant Washdown Area

Monitoring Point

Restaurant Discharger

Rinse Meter

Sewer

Day Tank

1/4 in Screen

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bridge-to-bridge / river-to-rail

efforts realized

next steps
bridge-to-bridge / river-to-rail
industrial symbiosis

- Recruit heavy industrial and warehousing to modern industrial sites
- Recruit craft production users to downtown, coordinating users that can utilize one another’s by-products
- Employ best practices in effluent mitigation
- Prioritize compatible users to reimagine craft industry tourism connecting downtown areas
- Phased upgrades to wastewater treatment with prioritization to reuse waste

bridge-to-bridge / river-to-rail
partnerships in redevelopment
Q+A

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