Manufacturing: The Revenue Source You Forgot You Needed

Food and Beverage Manufacturing Collaboration: AgPlus and the Sacramento Valley Manufacturing Initiative

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California’s Central Valley AgPlus Food & Beverage Manufacturing Consortium

- **Covers 28 counties in the Great Central Valley** – federal designation to support manufacturing ecosystem and job creation
- **Co-Leads**: Chico State, Fresno State, Valley Vision
- **More than 1,600 companies** in the food and beverage manufacturing ecosystem
- **Collaboration with AMP SoCal and CMTC** (California Manufacturing Technology Consulting – Manufacturing Extension Partnership)
Bringing Sustainability to Food & Beverage and Other Manufacturing

- Supported/created 3 employer led manufacturing councils to address critical skills gaps & create future pipeline – currently holding back job growth

- Working with Universities: on new technologies to improve resource efficiencies in manufacturing, and new products (healthy foods,

- Developing statewide network of incubators, accelerators: to drive next generation manufacturing - development & adoption of

- Infrastructure: addressing systemic broadband challenges that enable adoption of new technologies – sensors, monitoring, etc. for water and energy efficiencies, food and product safety, waste and pollution reduction
Addressing Critical Skills Gaps

- Major skills shortages, for both new & replacement jobs, & “future of work” emerging/digital skills

- Need for STEM pathways, *early career awareness*, non-traditional apprenticeships, industry partnerships

- Collaboration with local community colleges (convening regional advisory meeting), high schools, workforce boards, employers, industry associations, cities, economic development partners, with focus on new career education investments from Community Colleges – **Strong Workforce Program** – especially with California League of Food Producers, CMTC, CA Manufacturing & Technology Assn.
Employer-led industry collaboration, to address chronic shortage of skilled workers across all types of manufacturing & create 21st century workforce with opportunities for youth and adults

Leadership includes Siemens Mobility, 40 other members: hosting facilities tours for students and teachers, doing “train the trainers,” developing new community college programs for high demand occupations and new technologies

**Siemens is modeling sustainability**, and affecting the supply chain of smaller manufacturers: 60 acre solar powered rail manufacturing hub; more than 1,500 employees - manufacturing, service and state-of-art technologies and operations, for rolling stock vehicles (light rail, streetcars, etc.) supporting public transit across the country
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