

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.

Sacramento Valley Manufacturing Initiative (SVMI)



- 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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