

Community Colleges Breakout Group

Pathways

	P1	P2	P3		
					Sustainability ideology – cross discipline
9	3				MAP • Commercial/Industrial/All of the above
5		2	2	PATH for education	Stakeholder engagement
					Legislation / Regulation
					Global picture
3	1	1			Reach decision-makers
5	2	1		Personal energy intensity	Outside funding
					WIB partnerships
6		3		Building owners & mgrs	Union partnerships
					Employer partnerships
4	1		3	Faculty development	Research • employers / hiring patterns – complex map
				DACUM	Benchmarking EE on CC campuses
2			2		Shareable innovation

Advisory Council Structure

	P1	P2	P3		
				Special Council for new entrants	
13	4	1			Regional Activities Qrtly
		1	2	Regional consortia focus (Community Colleges)	Annual Convening
			1		Executive Committee (regional reps)
			1		Include K-12 (knowledge enthusiasm)
7		3	1	Connect to DWM (Doing What Matters) framework	Sector navigator rep at all consortia meetings
			1		Goal – share resources & best practices
13	2	3	1	Need a mechanism to share resources & best practices	? Pay attention to market drivers and policies
					? Who will catalyze

Pathway Priorities:

1. Develop a map of employment opportunities and pathways into them
2. Engage employers and other stakeholders
3. Acquire outside funding

Structural Priorities:

1. Develop a mechanism to share best practices
2. Conduct regional activities quarterly
3. (Not rated) Need to identify how the colleges will be represented as EWSS advisors

CSUs Breakout Group

Pathways

	P1	P2	P3		
					Incumbent & new workers
				Who are target audiences – Multiple Pathways	(Resource – Top Occupations List: Top 20 = 90% of EE jobs)
				Articulation agreements w/CCs in place + PLTW, MESA	But, need to focus on consumerization of smart energy / ICT & eco-integrated living (gap)
				Need – more to applied research	
				Internships, externships good	
		4	2		Help Faculty communicate with on best practices
				Challenge: Faculty not well prepared to teach (practical industry skills)	CSUEB certificate programs used instructors from industry – use that model
13	3	1	2		Industry engagement (PG&E did curriculum & instructors)
					Core technical curriculum vs
					Specialized skills needed
				Support core curriculum and graduates will find jobs	
				So where does specialized training come in?	
16	4	1	2	Q: Who's going to pay for specialized training?	Grants come and go, as do programs
					All levels of education are starving
					This is NOT just for utility workforce
				Most value from industry: curriculum development & lecturers	
				Consumerization of faculty, ICT	
				Need collaboration/network to find experts (call on as needed)	
				Faculty externships needed	PG&E may do a pilot in 2013
				Power infrastructure outdated	Smart energy coming (desk jobs, boots on the ground)
		1	1	Make bigger pie, i.e., pathways to prepare more students (start early)	Project-based learning may fit this model

Advisory Council Structure

	P1	P2	P3		
				CEC welcomes this input on a game-changing sector	Keep meeting
				Great place to develop a plan	
18	6			WIB model works	Private, public, NGO, workforce development
12	1	3	3	Maybe combine with Steering Committee - "close the loop"	
				Frequency – quarterly	
				Mixer – Industry & educators	
				Reality – faculty stretched too thin	
14		7		Look at other models of advisory groups statewide	E.g., state task force on health care