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MPRAC Task Force Report Template Clean Technology & Energy

		Short-term (<1 year)	Intermediate (1-3 years)	Long-term (3-5+ years)
1.A	Research Strategies,	Oil & gas production –	Oil & gas production –	Oil & gas production –
	Initiatives, Outcomes	modeling, drilling	modeling, drilling	modeling, drilling
		technologies, oil recovery,	technologies, oil recovery,	technologies, oil recovery,
		environmental impacts	environmental impacts	environmental impacts
		Fuels & energy storage – GTL	Fuels & energy storage – GTL	Fuels & energy storage – GTL
		fuels, syngas, combustion &	fuels, syngas, combustion &	fuels, syngas, combustion &
		heat transfer, batteries,	heat transfer, batteries,	heat transfer, batteries,
		supercapacitors	supercapacitors	supercapacitors
		_	Power generation, utilization &	Power generation, utilization &
		efficiency – solar, wind, novel	efficiency – solar, wind, novel	efficiency – solar, wind, novel
		energy capture, materials,	energy capture, materials,	energy capture, materials,
		motor design, MAGLEV,	motor design, MAGLEV,	motor design, MAGLEV,
		power systems, grids	power systems, grids	power systems, grids
		Renewable bioenergy – biomass	Renewable bioenergy – biomass	Renewable bioenergy – biomass
		production & processing,	production & processing,	production & processing,
		fuels & fuel components,	fuels & fuel components,	fuels & fuel components,
		specialty chemicals, C	specialty chemicals, C	specialty chemicals, algae &
		sequestration	sequestration	alternative oil crops, C
		Catalysis, materials synthesis &	Catalysis, materials synthesis &	sequestration
		characterization	characterization	Catalysis, materials synthesis &
1 4 %	T 1 1000 10 0 TT	LOW		characterization
	Identification of Key	LSU A&M, ULL, LaTech,	LSU A&M, ULL, LaTech,	LSU A&M, ULL, LaTech,
	Participants	LSU AgCenter, Tulane, UNO,	LSU AgCenter, Tulane, UNO,	LSU AgCenter, Tulane, UNO,
		McNeese, Nicholls	McNeese, Nicholls	McNeese, Nicholls
1 R	Existing and Prospective	University Centers for:	University Centers for:	University Centers for:
1.10	LABORE and Frospective	Cinversity Contents for.		Chrysley Content for.

Strengths which	Catalyst Design; Biofuels &	Catalyst Design; Biofuels &	Catalyst Design; Biofuels &
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Support 1.A Strategies,	Bioprocessing; Geoinformatics;	Bioprocessing; Geoinformatics;	Bioprocessing; Geoinformatics;
Initiatives, Outcomes	Rotating Machinery; Turbine	Rotating Machinery; Turbine	Rotating Machinery; Turbine
	Innovations; Water Resources;	Innovations; Water Resources;	Innovations; Water Resources;
	UL Energy Institute; CLECO	UL Energy Institute; CLECO	UL Energy Institute; CLECO
	Alternative Energy; Advanced	Alternative Energy; Advanced	Alternative Energy; Advanced
	Computer Studies; Campus	Computer Studies; Campus	Computer Studies; Campus
	Business Enterprise Incubators;	Business Enterprise Incubators;	Business Enterprise Incubators;
	etc.	etc.	etc.
1.B* Identification of Key	LSU A&M, ULL, LaTech,	LSU A&M, ULL, LaTech,	LSU A&M, ULL, LaTech,
Participants	LSU AgCenter, Tulane, UNO,	LSU AgCenter, Tulane, UNO,	LSU AgCenter, Tulane, UNO,
	McNeese, Nicholls	McNeese, Nicholls	McNeese, Nicholls
2.A Technology Transfer	SBIR/STTR; Clarify IP role in	SBIR/STTR; Incentivize	SBIR/STTR; Incentivize
and/or	P&T process; Highlight Faculty	entrepreneurism among faculty;	entrepreneurism among faculty;
Commercialization	IP Successes; Enhance	Enhance Faculty Disclosure	Enhance Faculty Disclosure
Strategies, Initiatives,	Industry/Univ Partnerships;	Numbers; Strengthen	Numbers; Strengthen
Outcomes	Enhance Faculty Disclosure	University Licensing Efforts;	University Licensing Efforts;
	Numbers; Strengthen	Clarify IP role in P&T process;	Clarify IP role in P&T process;
	University Licensing Efforts	Highlight Faculty IP Successes;	Highlight Faculty IP Successes;
		Enhance Industry/Univ	Enhance Industry/Univ
		Partnerships via Forums,	Partnerships via Forums,
		Dialogs, Consortia; ITRS	Dialogs, Consortia; ITRS
		funding expansion;	funding expansion;
		Tomania onpaniston,	Turning origination,
2.A* Identification of Key	Board of Regents; Campus	Board of Regents; Campus	Board of Regents; Campus
Participants	Intellectual Property Offices;	Intellectual Property Offices;	Intellectual Property Offices;
	Campus Academic Offices;	Campus Academic Offices;	Campus Academic Offices;
	Key Industry Leaders;	Key Industry Leaders;	Key Industry Leaders;
	Successful Faculty in IP;	Successful Faculty in IP;	Successful Faculty in IP;
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		Short-term (<1 year)	Intermediate (1-3 years)	Long-term (3-5+ years)
2. B	Existing and	Funding Programs – ITRS,	Funding Programs – ITRS,	Funding Programs – ITRS,
	Prospective Strengths	SBIR/STTR; Existing	SBIR/STTR; Existing	SBIR/STTR; Existing
	which Support 2.A	University Centers &Institutes	University Centers &Institutes	University Centers &Institutes
	Strategies, Initiatives,	Campus IP & Technology	Campus IP & Technology	Campus IP & Technology
	Outcomes	Transfer Offices; Campus	Transfer Offices; Campus	Transfer Offices; Campus
		Business Enterprise Incubators	Business Enterprise Incubators	Business Enterprise Incubators
2.B*	Identification of Key	Board of Regents; Campus IP	Board of Regents; Campus IP	Board of Regents; Campus IP
	Participants	offices; Successful Faculty IP	offices; Successful Faculty IP	offices; Successful Faculty IP
		Examples; Business Incubator	Examples; Business Incubator	Examples; Business Incubator
		Directors	Directors	Directors

3.A	Workforce Development	LA GEAR UP; WISE Fund;	LA GEAR UP; WISE Fund;	LA GEAR UP; WISE Fund;
	Strategies, Initiatives,	Co-Op Experiences; Industry	Co-Op Experiences; Industry	Co-Op Experiences; Industry
	Outcomes	Short Courses; Increased	Short Courses; Increased	Short Courses; Increased
		Graduate Assistantships;	Graduate Assistantships;	Graduate Assistantships;
		Industry R&D Internships	Industry R&D Internships	Industry R&D Internships
3.A*	Identification of Key	Board of Regents; LED;	Board of Regents; LED;	Board of Regents; LED;
	Participants	University Campuses; Selected	University Campuses; Selected	University Campuses; Selected
		Industry Partners	Industry Partners	Industry Partners
3.B	Existing and Prospective		GEAR UP Partners; Campus	GEAR UP Partners; Campus
	Strengths which	Career Services Offices;	Career Services Offices;	Career Services Offices;
	Support 3.A Strategies,	Existing Industry/Univ	Existing Industry/Univ	Existing Industry/Univ
	Initiatives, Outcomes	Partners; University	Partners; University	Partners; University
		Undergrad/Grad Programs;	Undergrad/Grad Programs;	Undergrad/Grad Programs;
3.B*	Identification of Key	Board of Regents; LED;	Board of Regents; LED;	Board of Regents; LED;
	Participants	University Campuses; Selected	University Campuses; Selected	University Campuses; Selected

	Industry Partners	Industry Partners	Industry Partners

