

WHAT INPUT CAN YOU PROVIDE TO DRIVE US FORWARD?

- Catalyze Innovation by identifying Use Inspired Research (UIR) and Translation of Innovation to Production themes
 - What (industry-relevant) UIR in Large Scale Additive Manufacturing should Florida research institutions pursue to advance U.S. competitiveness?
 - What strategies and approaches could the Engine employ to ensure successful translation of research into manufacturing production?
 - What qualification challenges can be solved through collective approaches to technology deployment, and new industry standards, and practices?
 - What is an appropriate overarching metric-set upon which to build our vision?
- Support Local Economic Development by hearing from stakeholders in North Florida that share the vision of advancing additive manufacturing throughout the region
 - How might universities and large companies mentor small companies and start-ups to adopt and deploy AM technologies to enhance productivity?
 - What other institutions, incubators, and resources in Florida to accelerate these transitions?
 - What is the total addressable market for these efforts that could be supported to sustain economic development?
 - What are appropriate key performance indicators to demonstrate the Regional Innovation Engine's economic development impact?
 - What capital access, business mentorship, and supply chain development institutions exist to help broaden business opportunities through this project?
- Enable Community Investment by pooling resources at the local, regional, and state level – with the goal of augmenting a 10-year \$160 million NSF grant.
 - What existing authorities and State-based allowances exist to advance our goals?
 - Do these vehicles have particular parameters and mandates to consider?
 - How might these programs offer some measure of sustainability for the Engine?

- Increase Job Growth Across Florida by making a winning case for a NSF Regional Innovation Engine Award. Such an investment – coupled with additional investments from across Florida – would catalyze an AM ecosystem that would bring good-paying advancing manufacturing jobs to the state.
 - What resources exist to appropriately project potential job creation?
 - How do we ensure these efforts advance goals of reflecting demographic, economic, and other changes across the state?

- Attract a New Generation of Engineers and Technicians into the Workforce by identifying key workforce needs associated with large-scale, industrial additive manufacturing.
 - Which institutions and key partners should be included in this project to support development of a 21st century workforce?
 - How can we ensure educational, apprenticeship, and workforce development programs align with new AM industry needs, practices, and requirements?
 - How do we ensure these efforts advance goals of reflecting demographic, economic, and other changes across the state?

- Identify Additional Stakeholders to join the Team by engaging with manufacturers large and small, local and regional governments, academia, and others with an interest in seeing an NSF Engine help increase Florida’s corporate and entrepreneurial innovative capacity.
 - Who should join our project team?
 - What institutions are missing?
 - Which business, academic, and community leaders need to be engaged?
 - What makes our Engine “uniquely Florida”...?

- Identify Additional Resources that can be included in the NSF Regional Innovation grant proposal by understanding and engaging on related initiatives that an NSF Engine grant could further catalyze. NSF will be expecting upwards of 5:1 leveraging as part of our Type II proposal, and these workshops are intended to help identify stakeholder resources that could be referenced in a future NSF Engine Type II proposal.
 - What is an appropriate strategy for pursuing cost share?
 - What is the appropriate mix of business, academic, and State/local government support?

- Determine the appropriate Lead Organization to drive the project.
 - Which FL-based institution should be designated as the lead on this effort?
 - Should the team incorporate a new nonprofit organization to drive the project forward?
 - Who are the key stakeholders for our organizing and advisory committees?