

# ***Guidance to ETIC campuses regarding preparing proposals for ETIC meeting on 2/5/10***

1/5/2010

## **Introduction**

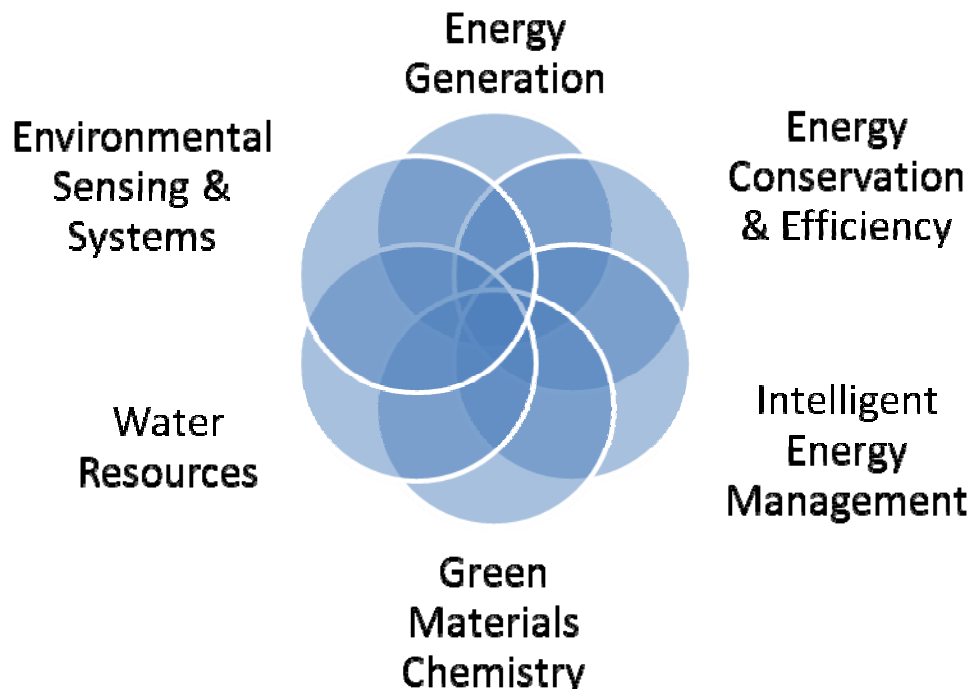
On October 16, 2009, the eight campuses made oral presentations of growing by emphasizing opportunities for centers of excellence. In summary, the ETIC voting members were impressed with what they heard but felt strongly that we need to extract a cohesive strategy that integrates the best ideas in a way that gives focus to our efforts and makes it easier to explain our strategy to those inside and outside Oregon.

Since that meeting the Chair, Vice Chair, and Executive Director of ETIC have met to discuss a top-level description of ETIC's growth strategy. Subject to review and confirmation by the full ETIC membership at its next meeting, ETIC will focus on growing in the following areas:

Sustainable Engineering (see diagram below)

- Energy Generation
- Energy Conservation & Efficiency
- Intelligent Energy Management
- Green Materials Chemistry
- Water Resources
- Environmental Sensing & Systems

Neuro Technology (Devices / Algorithms for Neurological Disorders)



## General Goals

### Campus Proposals should

- Be consistent with the ETIC Strategy outlined above to grow capacity and excellence: 2X, 5X, global competitiveness, effectiveness per the criteria outlined below.
- Builds centers of excellence that will
  - will be nationally and globally competitive;
  - attract the best faculty and the best students; and
  - attract additional resources as they grow
  - focus on the areas described in the diagram above.
- Regional campuses should establish collaboration(s) with other campuses to create partnerships that leverage both strengths and opportunities rather than creating independent centers of excellence.
- Align with other relevant strategies:
  - Board of Higher Education – see [www.ous.edu/state\\_board/](http://www.ous.edu/state_board/)
    - Sustainability Committee
    - Research Council
  - Oregon Business Plan – see [www.oregonbusinessplan.org](http://www.oregonbusinessplan.org)
  - Oregon Innovation Council – see [www.oregoninc.org](http://www.oregoninc.org)
- Confirm the value of ETIC methodology using measurable outcomes and well thought out and articulated plans.
- Articulate a plan that will make sense to
  - The Board of Higher Education, the Governor's Office, and the Oregon Legislature
  - Potential private sources of funding
  - Potential federal sources of funding

## Process

Each campus should develop a written proposal for the 2011-2013 Biennium using the guidelines in this document and the template provided separately. If the Voting Members had questions or suggestions specific to a particular campus presentation, a summary will be emailed to the campus's contacts and that information should be taken into account in developing that campus's plan. This proposal should be submitted by January 28, 2010 so that the Voting Members can review it in advance of the ETIC meeting on February 5, 2010. Please be sure to confer with your campus administration about the content of your plan in advance of submitting it to ETIC.

Based on the merits of the proposals received ETIC will develop an overall plan and request that campuses adjust their plans as necessary to fit within that plan thereby creating an overall plan that provides maximum benefits to Oregon.

The ETIC plan will be

- shared with partners like those outlined above to obtain advice and support and to identify additional opportunities for collaboration.
- presented to the State Board of Higher Education at one of their meetings in the spring of 2010.
- used as the basis of inquiries to large sources of federal and private funds.

**Criteria**

<b>Centers of Excellence</b>	Builds nationally and internationally competitive centers of excellence in education and research	<b>Consistent with Strategy</b>	Fits well within Sustainable Engineering or Neuro Technology
		<b>Leverages Existing Strengths</b>	Documented success in targeted area
		<b>Strong growth opportunity</b>	Situational analysis shows strong growth opportunity for both education and research
		<b>Collaboration</b>	Collaboration within Oregon or outside Oregon with other universities or with industry
		<b>Commercialization</b>	Produces patents, licenses, spin-offs
		<b>Benefits Oregonians</b>	Provides opportunities. Helps keep and grow family-wage jobs.
<b>2X</b>	Contribution to doubling the number of work-ready technical graduates by 2020 vs. 1999	<b>Forecasted Results</b>	Metrics forecast indicates plan will contribute to ETIC 2X goal.
		<b>Educational Capacity &amp; Productivity</b>	Plan invests in increasing capacity and productivity to reach metrics forecast.
		<b>Outreach</b>	Plan for increasing number and diversity of students. <sup>1</sup>
<b>5X</b>	Contribution to 5X increase in externally funded research in Oregon by 2020 vs. 1999	<b>Forecasted Results</b>	Metrics forecast indicates plan will contribute to ETIC 5X Goal.
		<b>Research Capacity &amp; Productivity</b>	Plan invests in increasing capacity and productivity to reach metrics forecast.
<b>General</b>		<b>Private Support Ratio</b>	Forecasted private support divided by requested state funds.
		<b>Track Record</b>	Track record makes plan credible.
		<b>Internal Consistency</b>	Details of plan match stated goals and provide confidence that results can be achieved.
		<b>Sustainability</b>	Increases in tuition, research revenues and other resources will cover the some or all of the cost of new faculty.

<sup>1</sup> See Women Graduating and Minorities Graduating metrics in proposal template.