

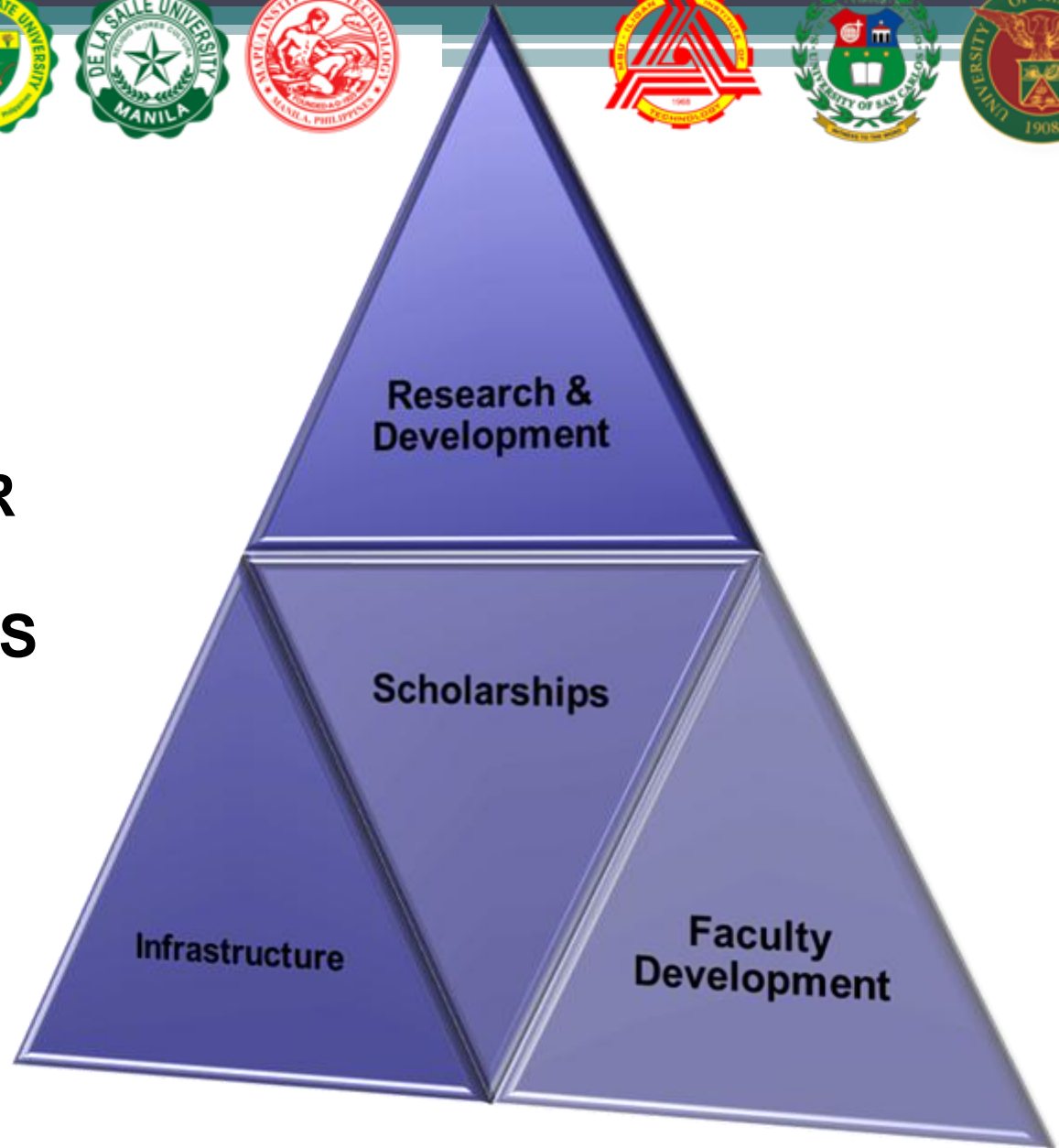
# University readiness for Technology Transfer Act

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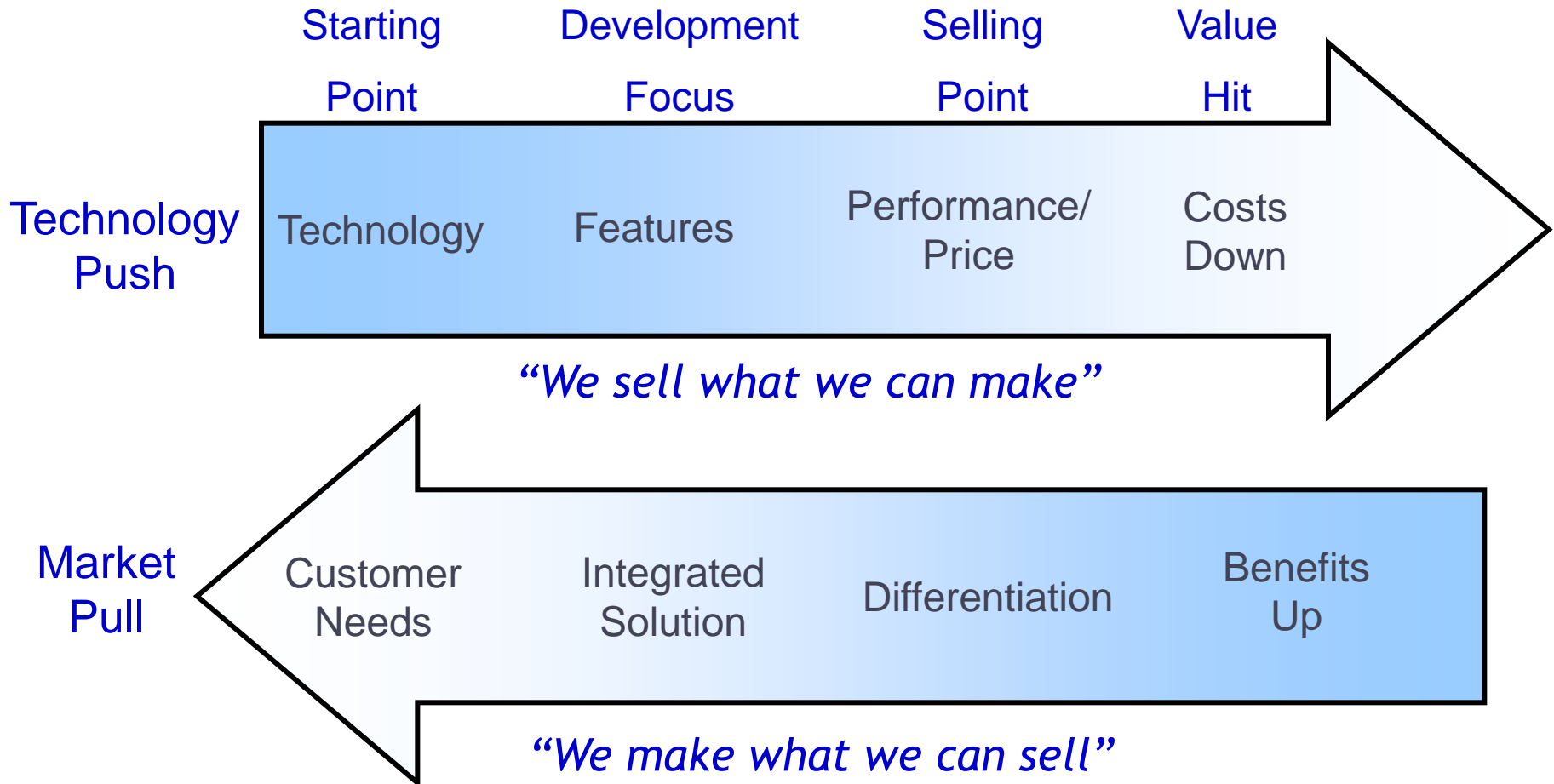
**The ERDT is an  
INVESTMENT FOR  
GLOBAL  
COMPETITIVENESS**



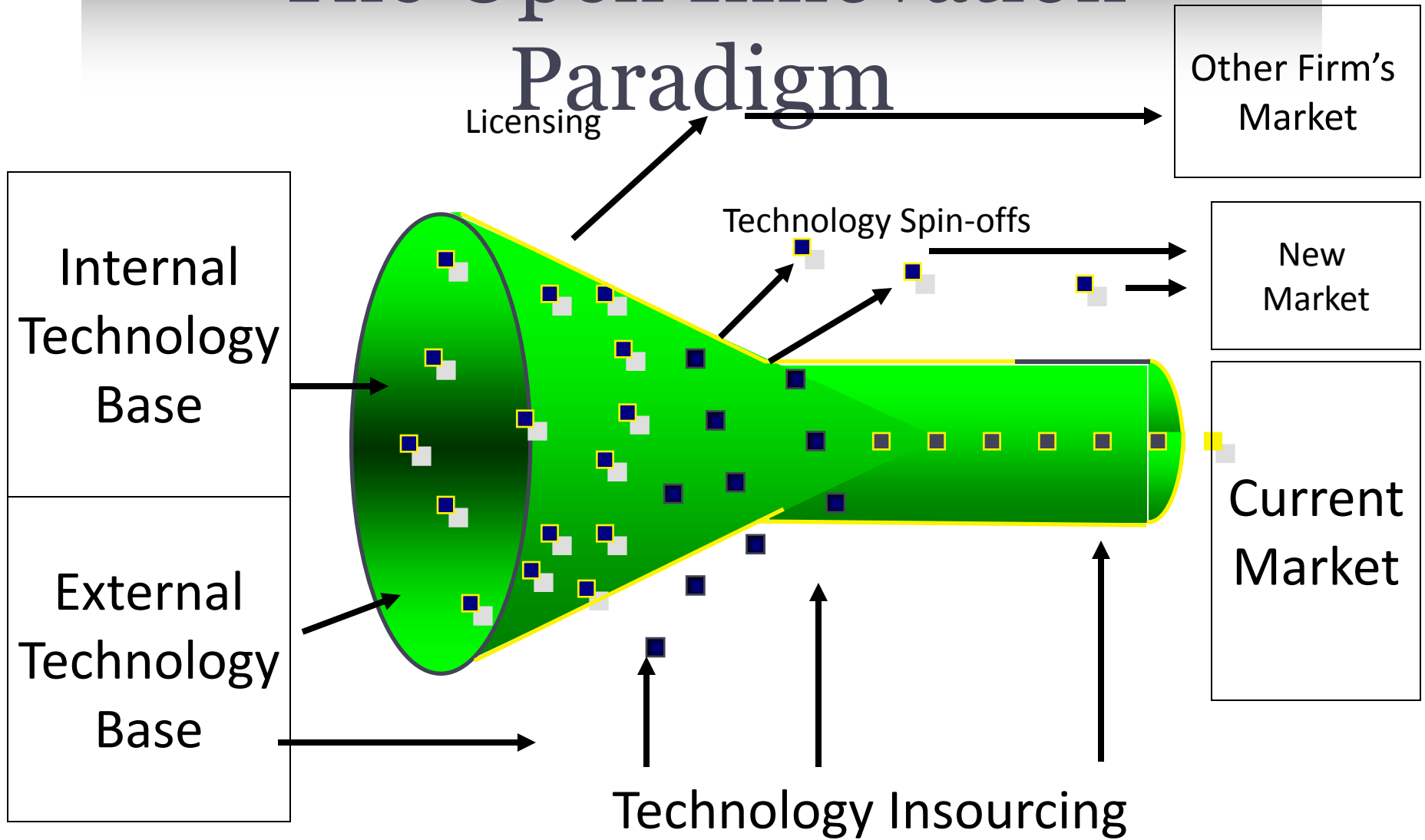
# Work in progress

- Paradigm
- Policy
- Process
- People

# Technology Push vs. Market Pull



# The Open Innovation Paradigm



Tech transfer Status	Collaboration w/ other institution	Next steps in 2010
<p><b>ADMU</b></p> <ul style="list-style-type: none"> <li>▪ Established Ateneo Innovations Center</li> <li>▪ MOA w/ external parties</li> </ul>	<ul style="list-style-type: none"> <li>▪ Energy and the Environment</li> <li>▪ Biomedical Systems and Devices</li> <li>▪ ICT Systems</li> <li>▪ Projects with Social Impact</li> </ul>	<ul style="list-style-type: none"> <li>▪ Establishment of a formal IP team</li> <li>▪ Raising IP awareness</li> </ul>
<p><b>CLSU</b></p> <ul style="list-style-type: none"> <li>▪ IP policy approved 2007</li> <li>▪ Established CLSU-IPO under VP RET</li> <li>▪ Copyrighting CLSU publications</li> <li>▪ 2 patent pending: mushroom, bioenergy from carabao rumen</li> </ul>	<ul style="list-style-type: none"> <li>▪ Upgrading goat reproduction through biotech</li> <li>▪ Organic vegetables, organic fertilizer, biopesticide</li> </ul>	<ul style="list-style-type: none"> <li>▪ Tech assessment</li> <li>▪ IP advocacy</li> </ul>

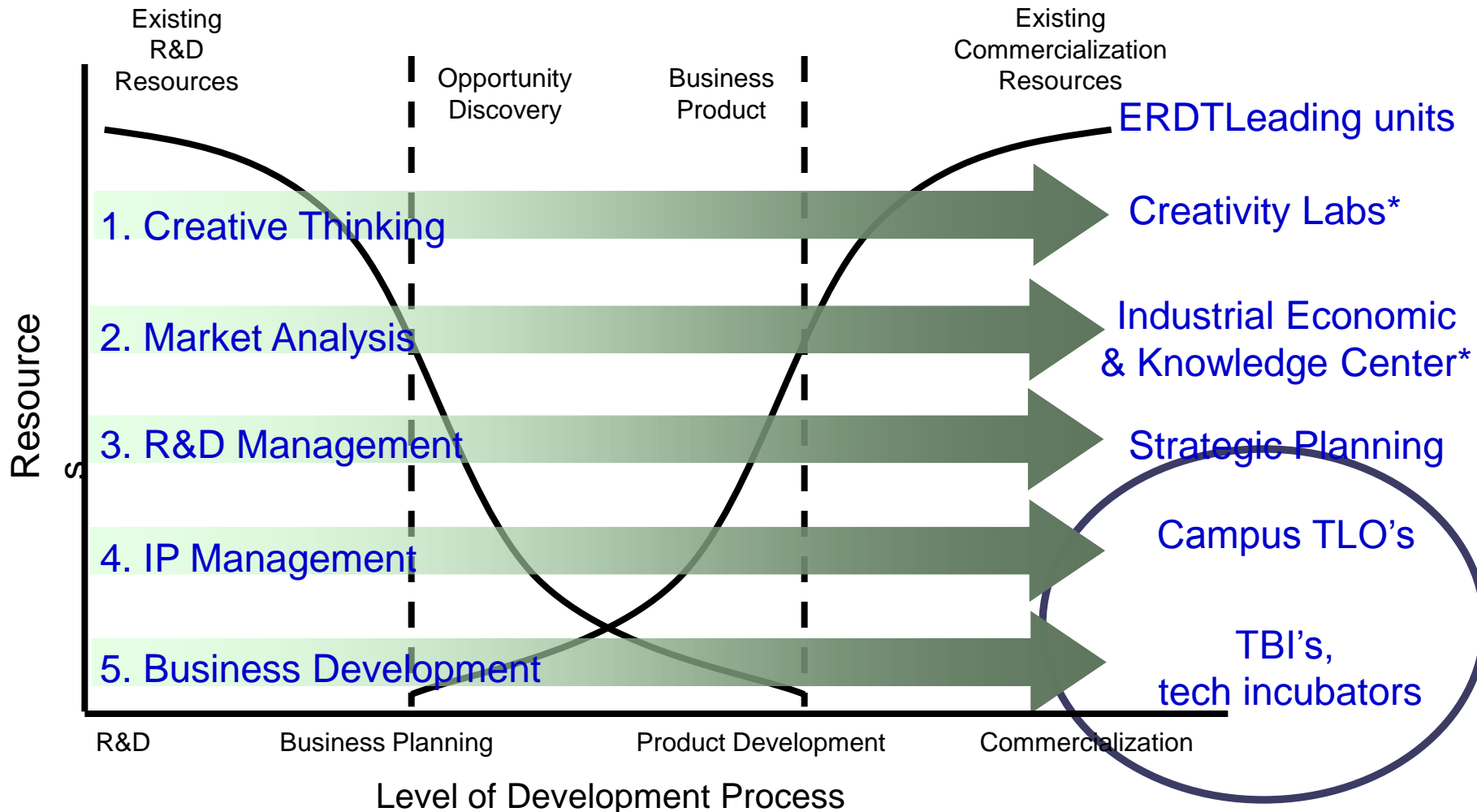
Tech transfer Status	Collaboration w/ other institution	Next steps in 2010
<p><b>DLSU</b></p> <ul style="list-style-type: none"> <li>■ IP policies for 3<sup>rd</sup> revision (2010)</li> <li>■ IRR of IP policies for approval of VCAR</li> <li>■ 3 pending patent applications</li> <li>■ Linkage with industry partners</li> </ul>	<ul style="list-style-type: none"> <li>▪ Engineering (chemical/mechanical)</li> <li>▪ Science (chemistry, marine, solar cells)</li> <li>▪ Computer studies</li> </ul>	<ul style="list-style-type: none"> <li>▪ Revision of IP policies &amp; approval of IRR</li> <li>▪ “Disclosure” campaign &amp; creation of incentive program; consolidation of R &amp; D efforts; networking with industry (FILCOLS)</li> <li>▪ Establishing a TLO; IPO work expansion</li> </ul>
<p><b>MIT</b></p> <p>No formal IP office; no IP Policy yet</p> <p>Some offices involved:</p> <ul style="list-style-type: none"> <li>▪ OVPHRLA</li> <li>▪ School of Graduate Studies</li> <li>▪ ORPC</li> </ul>	<ul style="list-style-type: none"> <li>• R &amp; D: Energy: Wind, solar, biofuels; environmental research; innovative delivery of instruction</li> <li>• IP: IEC campaigns to raise IP awareness</li> </ul>	<ul style="list-style-type: none"> <li>• Establishment of an IP office</li> <li>• Screening for patentable research and designs</li> <li>• Plan for supporting IP-generation</li> </ul>

Tech transfer Status	Collaboration w/ other institution	Next steps in 2010
<p><b>MSU-IIT</b></p> <ul style="list-style-type: none"> <li>▪ Commercialization of the E-SMS (<i>Electronic school Mgt System</i>)</li> <li>▪ Proposed setting up of TLO</li> </ul>	<ul style="list-style-type: none"> <li>▪ ICT</li> <li>▪ materials science</li> <li>▪ natural products</li> </ul>	<ul style="list-style-type: none"> <li>▪ IP policy revision</li> <li>▪ setting up of TLO</li> <li>▪ setting up of TBI and fund sourcing</li> </ul>
<p><b>UPD</b></p> <ul style="list-style-type: none"> <li>▪ Review of 2003 UP system IP policy</li> <li>▪ Tech Transfer Group formed w/ in OVCRD in 2007</li> <li>▪ Phil. &amp; int'l patents granted</li> <li>▪ Commercial partnerships (start-up or established company)</li> <li>▪ Launched enterprise TBI and pre-incubation program</li> </ul>	<ul style="list-style-type: none"> <li>▪ Renewable energy</li> <li>▪ Telemedicine</li> <li>▪ Pharmaseas, Terrapharma</li> </ul>	<ul style="list-style-type: none"> <li>▪ Business planning for IP with BA, IE, and TMC</li> <li>▪ Innovating the San Carlos bamboo industry</li> <li>▪ IP policy revision</li> <li>▪ Increase the inventor/s portion of net royalties</li> <li>▪ Encourage invention disclosure first before publication</li> <li>▪ HR mgt: recruitment and training of dedicated transfer group</li> <li>▪ Sustained IP awareness &amp; education program</li> </ul>

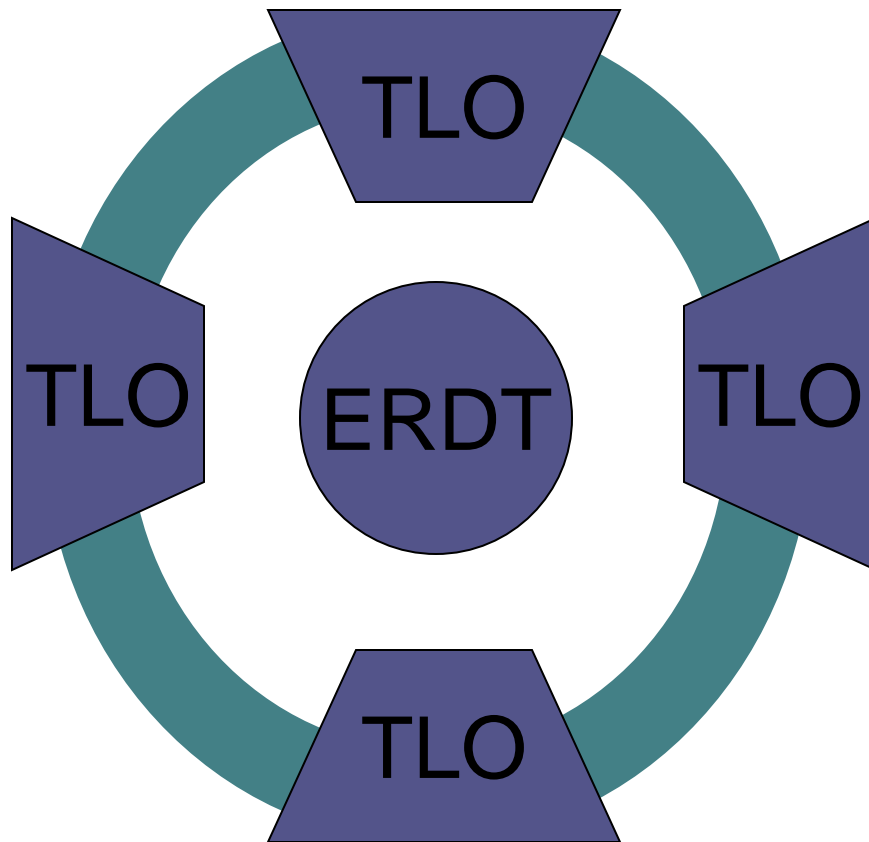


Tech transfer Status	Collaboration w/ other institution	Next steps in 2010
<p><b>UPLB</b></p> <p>Commercialized plant varieties: sinta papaya, hibiscus sp.            agribiotech products: biofertilizer, biopesticides, animal vaccines, test kits</p>	<ul style="list-style-type: none"> <li>▪ capability building: participation w/ the DOST-InWent tech comm program</li> <li>▪ team up w/ other UP CUs in reviewing &amp; updating existing policies on tech com</li> </ul>	<ul style="list-style-type: none"> <li>▪ review &amp; update policies related to tech transfer</li> <li>▪ training-orientation of IP reps., deans, directors, etc.</li> <li>▪ establish internal protocols on tech com</li> </ul>
<p><b>USC</b></p> <ul style="list-style-type: none"> <li>▪ IP Policy approved in 2009</li> <li>▪ Patent pending: organic pesticide from papaya</li> <li>▪ Establishment of the Students Enterprise Ctr</li> <li>▪ Establishment of Carolinian Inn, a school hotel or <i>schotel</i></li> <li>▪ Developed a software for Student Monitoring System</li> </ul>	<ul style="list-style-type: none"> <li>▪ copyrightable materials in each academic department</li> <li>▪ consumer products/services</li> <li>▪ software development</li> </ul>	<ul style="list-style-type: none"> <li>▪ software development</li> <li>▪ biofuels/bioenergy; wastewater management</li> <li>▪ optoelectronics, materials science, nanotechnology</li> <li>▪ IP Policy awareness campaign</li> <li>▪ Establish in-house TBI's</li> </ul>

# Crossing the “Valley of Death”



# ERDT IP Mapping and Commercialization



- ERDT
- DOST
- IPO
- COMSTE
- UP TMC

