

Kamakani Noi

Innovation for Hawai'i's Growth

University of Hawai'i Innovation Council Recommendations



ed for changed approach to economic
tion and innovation
ment to work to improve and diversify
s “pillars” of the economy
unity to host meeting with the National
ies of Sciences’ distinguished Board on
logy and Economic Policy—STEP



CENT RELEVANT STILL INITIATIVE

d US patent policy

of copyright policy on innovation in dig

ement of university IP

ing in 21st century—Best Practices in

l Innovation Initiatives



Graduation Initiative—increase education

21st century capacity for workforce development and technology exchange for a billion industry

Renovate to Innovate—rebuild infrastructure, indirect cost recovery and create opportunities for business development

University of Hawai'i Innovation Council Recommendations Draft Report



aborate: Leading Regional Innovation Clusters
normal" for effective regional leadership
on of business and business association le
conomic developers.

al leadership, like regional growth strategy, is *not* a one size
fit all situation

just stand there, do something, anything!"

ive regional leadership requires an ongoing intermediary or
regionalism alive



INNOVATION

is a national priority...an essential driver to
the building block of American innovation—
restore leadership in fundamental research
competitive markets that spur product entre
an environment ripe for entrepreneurship
breakthroughs for national priorities, e.g., alt
sources



State Priorities Council

an example from A New Day in Hawai

Support the entrepreneurial professor, foster innovation and technology transfer, support education and research projects"



Advisory Council on Innovation

Invited the 8 renowned members of the Advisory Council on Innovation and Technology Advancement in April 2011. Through a series of face-to-face and teleconferences, the council discussed common themes

in a series of drafts reviewed and edited by council members. A final working draft was prepared for public review, and

based on the input received, recommendations will be published.



MEMBERS OF THE ADVISORY BOARD

William A. Wines, Executive Director of UH Economic Research Organization
Associate Professor of Economics, UH Mānoa

Robert Daniel Goldin, President & CEO of Intellisis Corporation
Former Administrator

John F. C. Liu, Director, Stanford University Office of Technology Transfer
Partner Emeritus, Kleiner Perkins Caufield & Byers

Robert L. Taylor, Dean, UH Mānoa School of Ocean and Earth Sciences

David A. L. Man, Managing Director & Co-Founder, Allegis Capital

Dr. R. S. Balshok, Associate Vice Chancellor of Public Programs and
Studies, University of California, San Diego

Dr. K. Wuh, CEO, Skai Ventures/Cellular Bioengineering Inc.



RECOMMENDATION NO. 1

RESEARCH as an industry in Hawai'i

2009: \$414m research dollars awarded

2010: Projected \$500m

Recruit world class researchers in emerging strong fields

Promote collaboration with other research centers, U.S. mainland and APEC region



RECOMMENDATION NO. 2

a Hawai'i Innovation Technology Exchange (HiTEx)

a new innovation model

h HiTEx leadership

ate/redefine resources

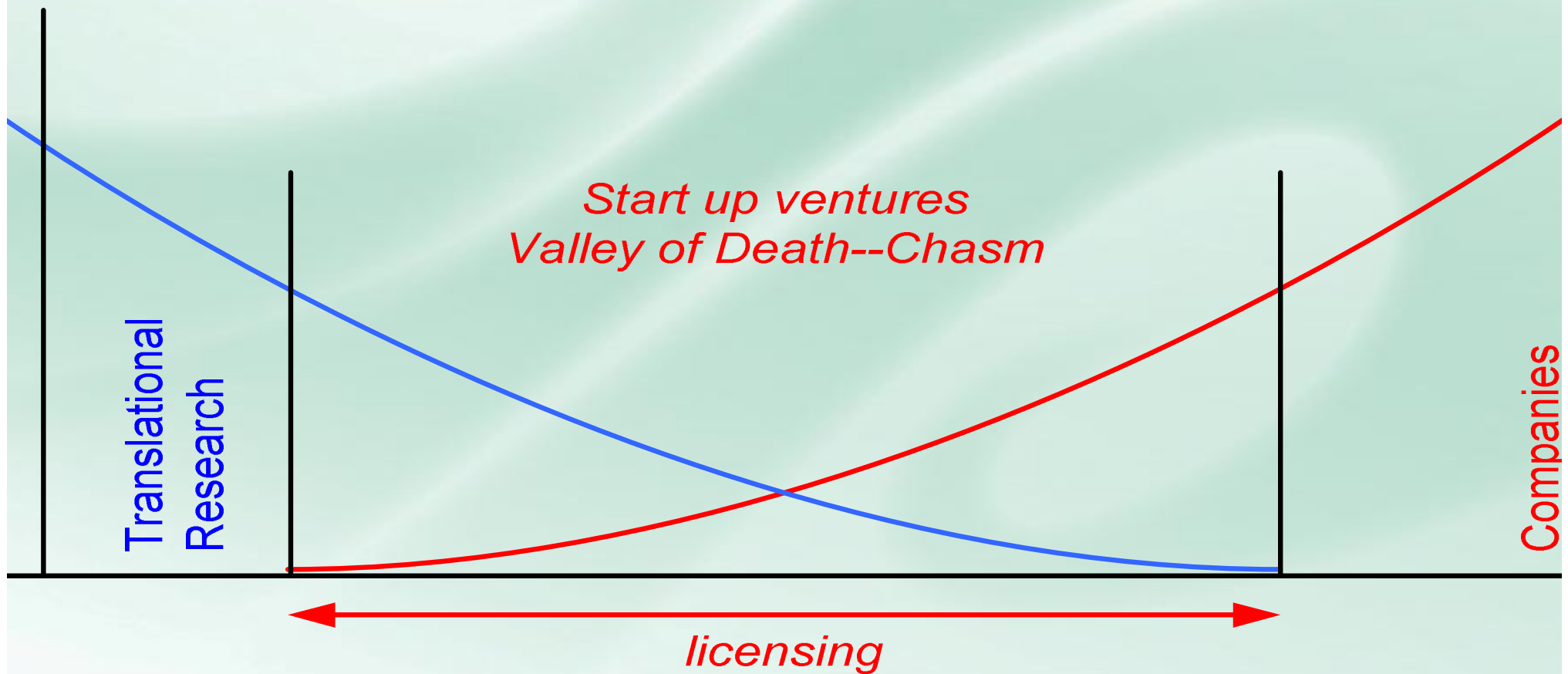
o programs to foster entrepreneurship

(internal or external) location for inst



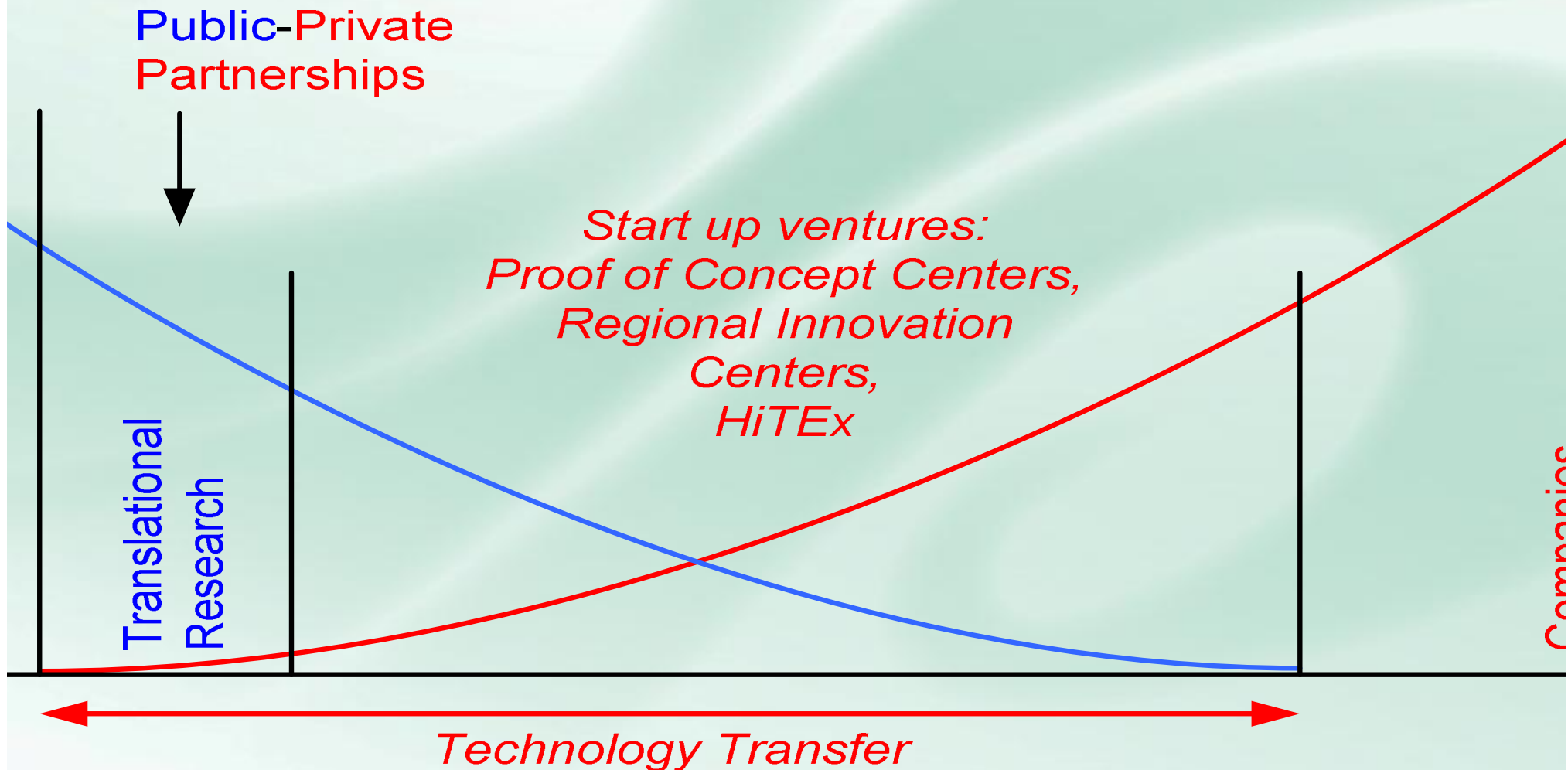
Technology Transfer

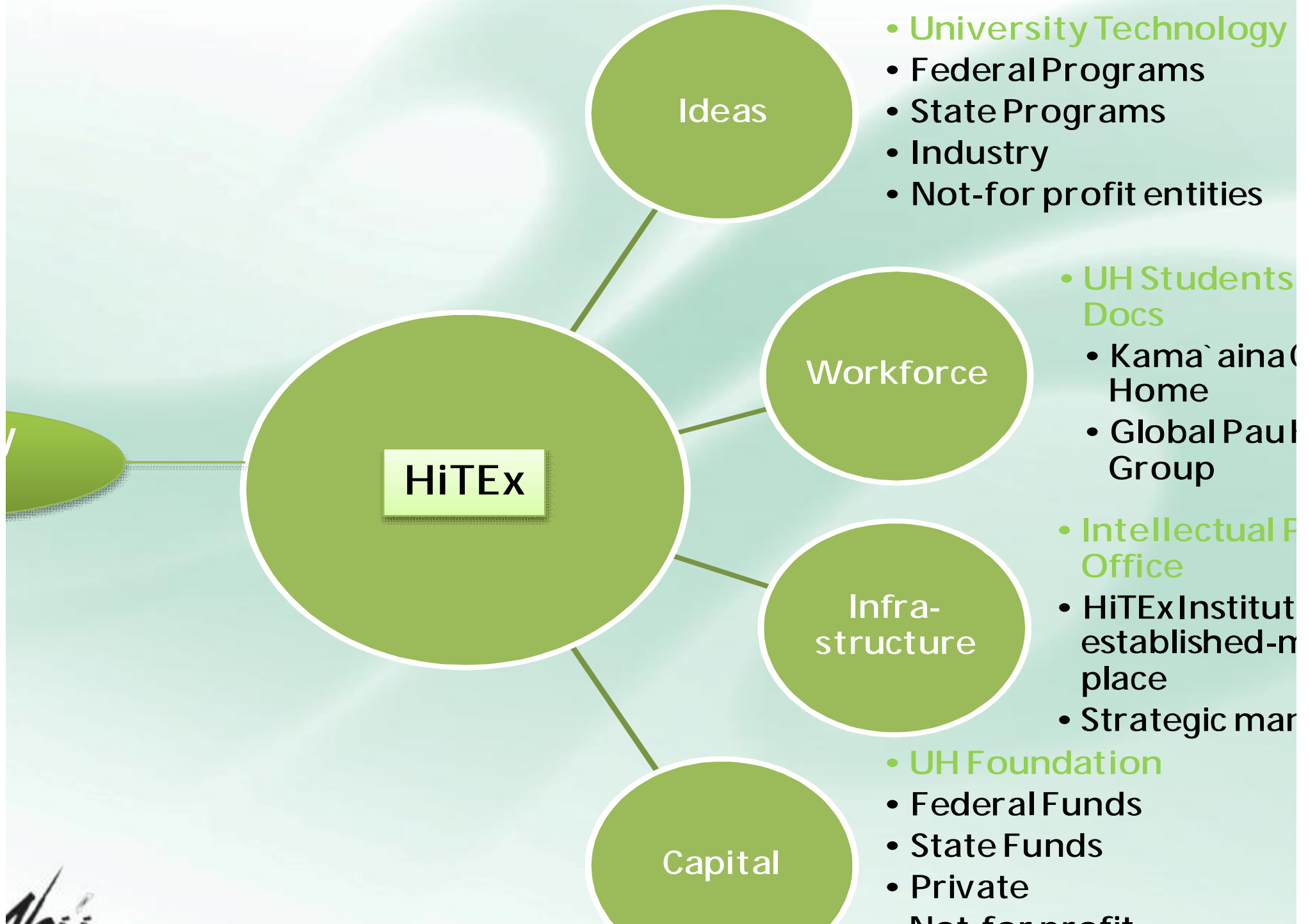
Model of Innovation and Technology Transfer



Technology Transfer

Model of Innovation and Technology Transfer





RECOMMENDATION NO. 3

Key areas for commercialization opportunities and Sustainability—Energy and Agriculture...enhance energy independence

Analytics...insatiable need to accumulate data

Pacific Health...diverse population for personalized medicine and medical technology

RECOMMENDATION NO. 4

Integrate entrepreneurship into the curriculum
Include a fundamental entrepreneurial course
Revise the new curriculum
Implement entrepreneurship certification



NEXT STEPS

ies of the Innovation Council Report and
endations at <http://hawaii.edu/innovation>

its are encouraged; submit by email to
innovation@hawaii.edu until February 1, 2011

mentation plan will be developed based on
and recommendations from this conference



Questions?

