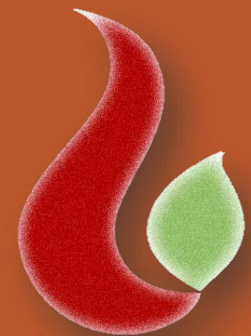
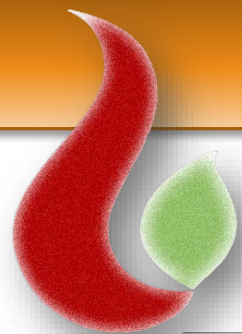




Aligning student learning with a sustainability mindset

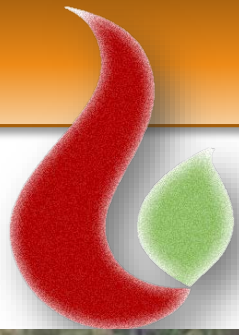
Davis Bookhart, Head, HKUST Sustainability Unit





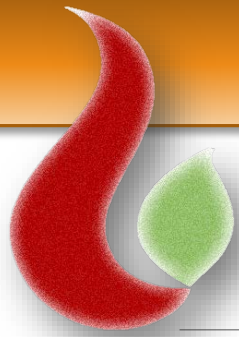
About Hong Kong





About Hong Kong

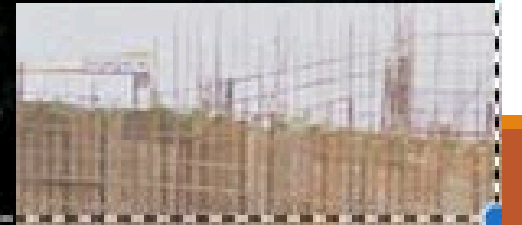




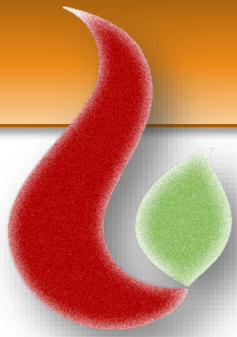
Hong Kong University of Science and Technology



INNOVATING TODAY
IMAGINING TOMORROW
敢·創·未來 HKUST







Foundation of a Sustainable Campus



FOCUS ON SURROUNDINGS AND LIVABLE SPACES

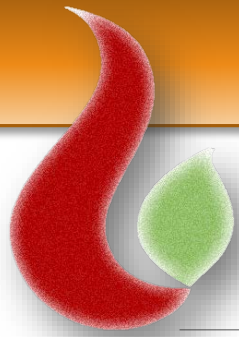
Our surroundings influence our
understanding of sustainability











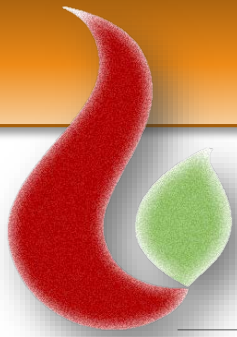
↙ Campus Design Choices ↘



Designs, location, and attractiveness play a large role in determining active and healthy behaviors.



In some cases, designs may actually prevent social interaction or collaboration.



Sense of Place - Conclusions

Surroundings have strong influence on our ability to understand sustainability

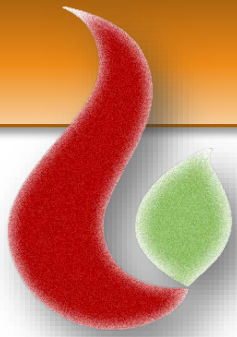
Surroundings influence behavior

Surroundings influence our social lives

Campuses are perfect places to create good examples for sustainable surroundings

Campuses are perfect places to create good examples for sustainable surroundings



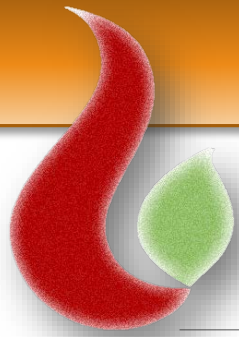


Gaining Alignment

SUSTAINABILITY MINDSET

STUDENT LEARNING

CAMPUS OPERATIONS



Changing landscape

69% of students*

- consider green campus attributes when deciding

82% of young Millennials**

- consider a company's CSR commitments when deciding what job to take

74% of Millennials**

- say they would volunteer for a cause supported by a company they trust (vs. 56% U.S. average)

1 of 3 Students today

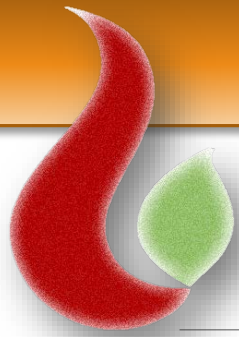
- Will be alive in the year 2100

* Source: Princeton Review

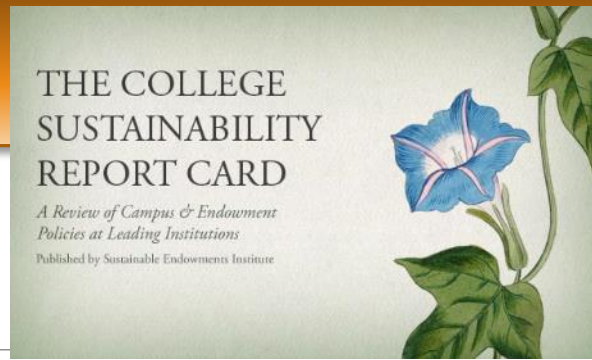
** Source: 2015 Cone Communications Millennial CSR Study

—WHAT'S A—
MILLENNIAL?





Student Influence on Process





Current Snapshot:

Strength in four areas where the university is making significant contributions

Research and discovery

Leveraging university resources and human capital to solve pressing problems for human society

Campus operations

Transitioning towards a campus that becomes an integral part of the learning experience and training of the students.

Education

Preparing students for careers and social interaction within a 21st century environment (resource-constraints, rapid and unpredictable technology changes, globalization)

Collaborative impact

Contributing to the advancement of the HKUST community, Hong Kong, and the world (“spilling out”)

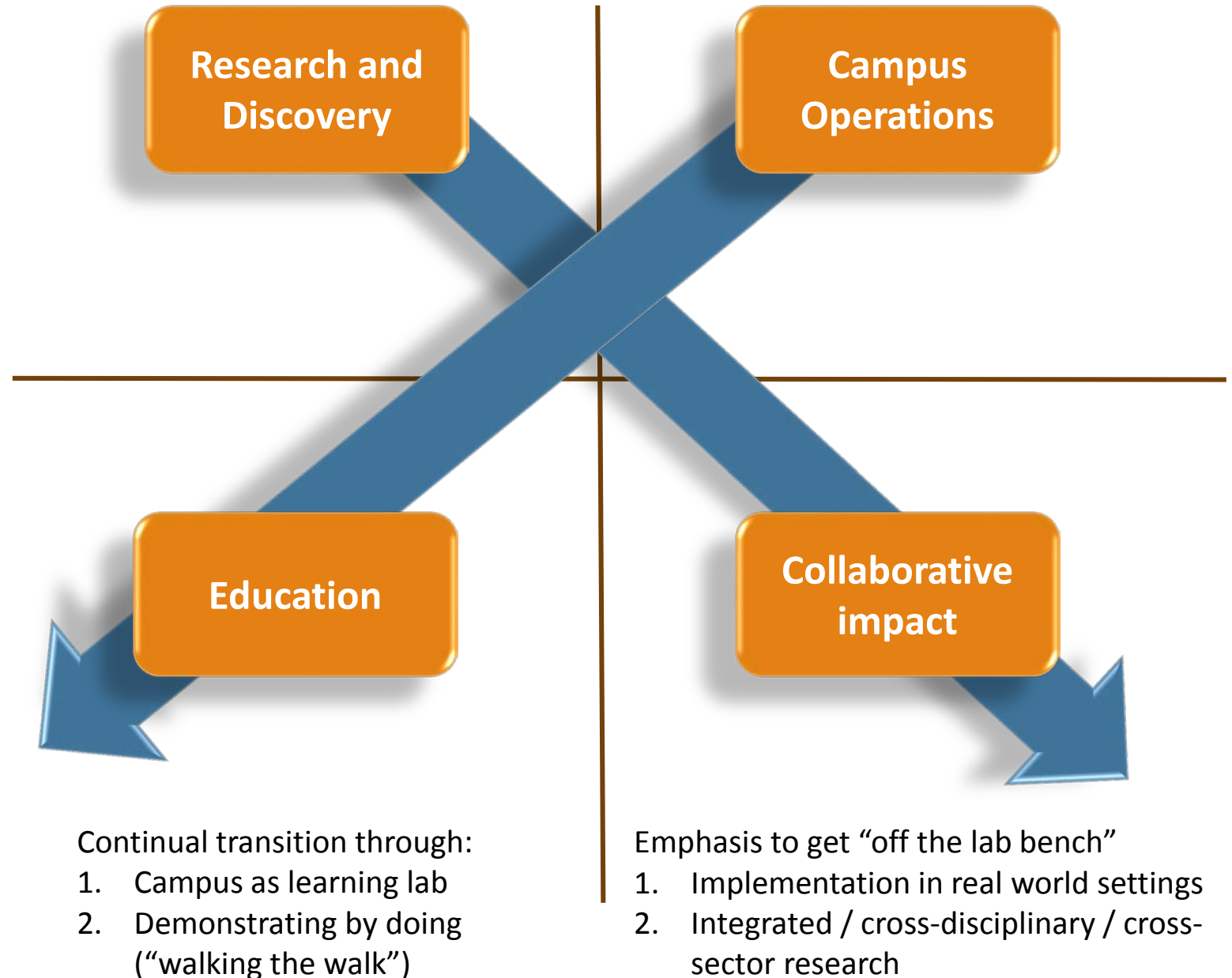
Directional Movement

Campus operations –

Continues integration in student training

Research and discovery –

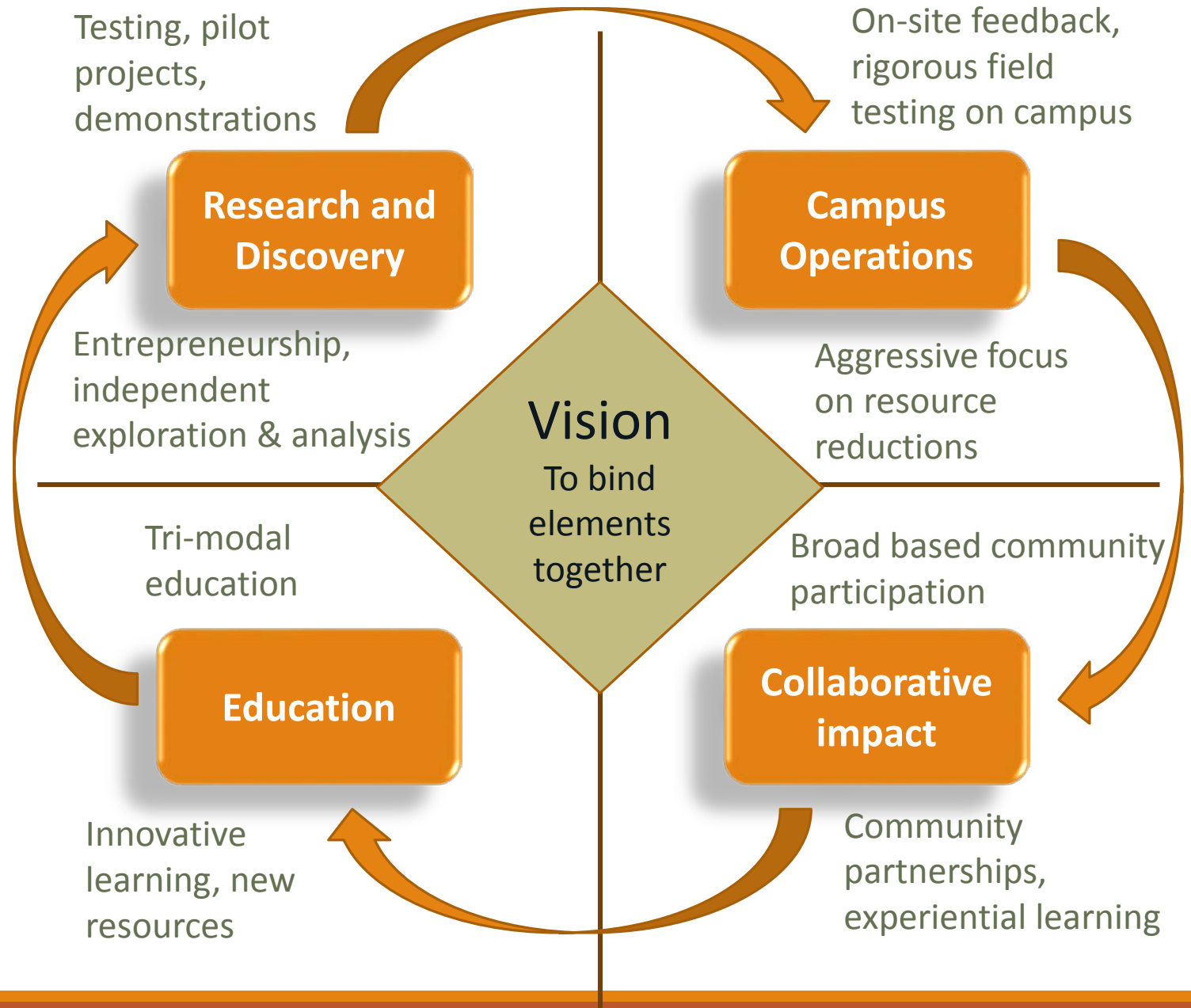
Continues transition towards tech transfer

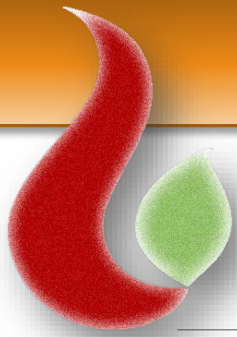




Perspective

A sustainability vision can bind existing elements together in new and interesting ways





Alignment – Some Thoughts

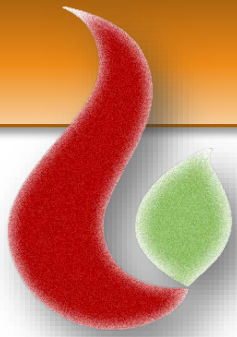
Universities must to change rapidly to keep up with student needs

Alignment requires flexibility and adaptability

Alternative approaches are needed to build meaningful experiential learning

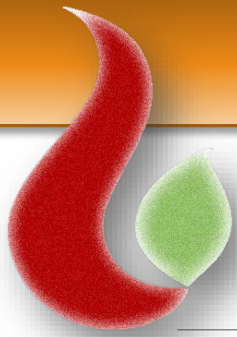
Sustainability can play a role in generating experiences that provide learning platforms for students





*How does this look in
the context of students?*

KNOWLEDGE AND SKILLS SURVEY

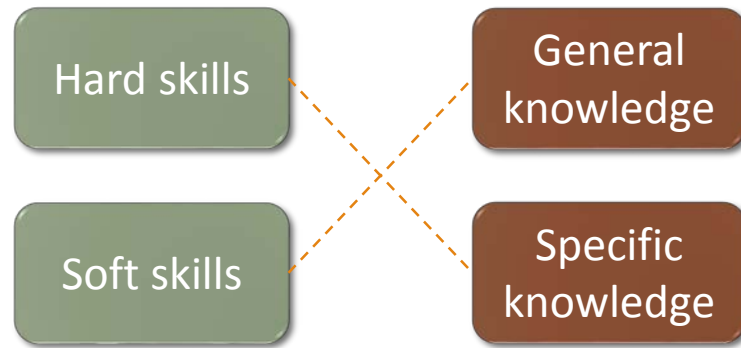


Can We Confirm Any of This?

Current research project

Focus on employers in Hong Kong

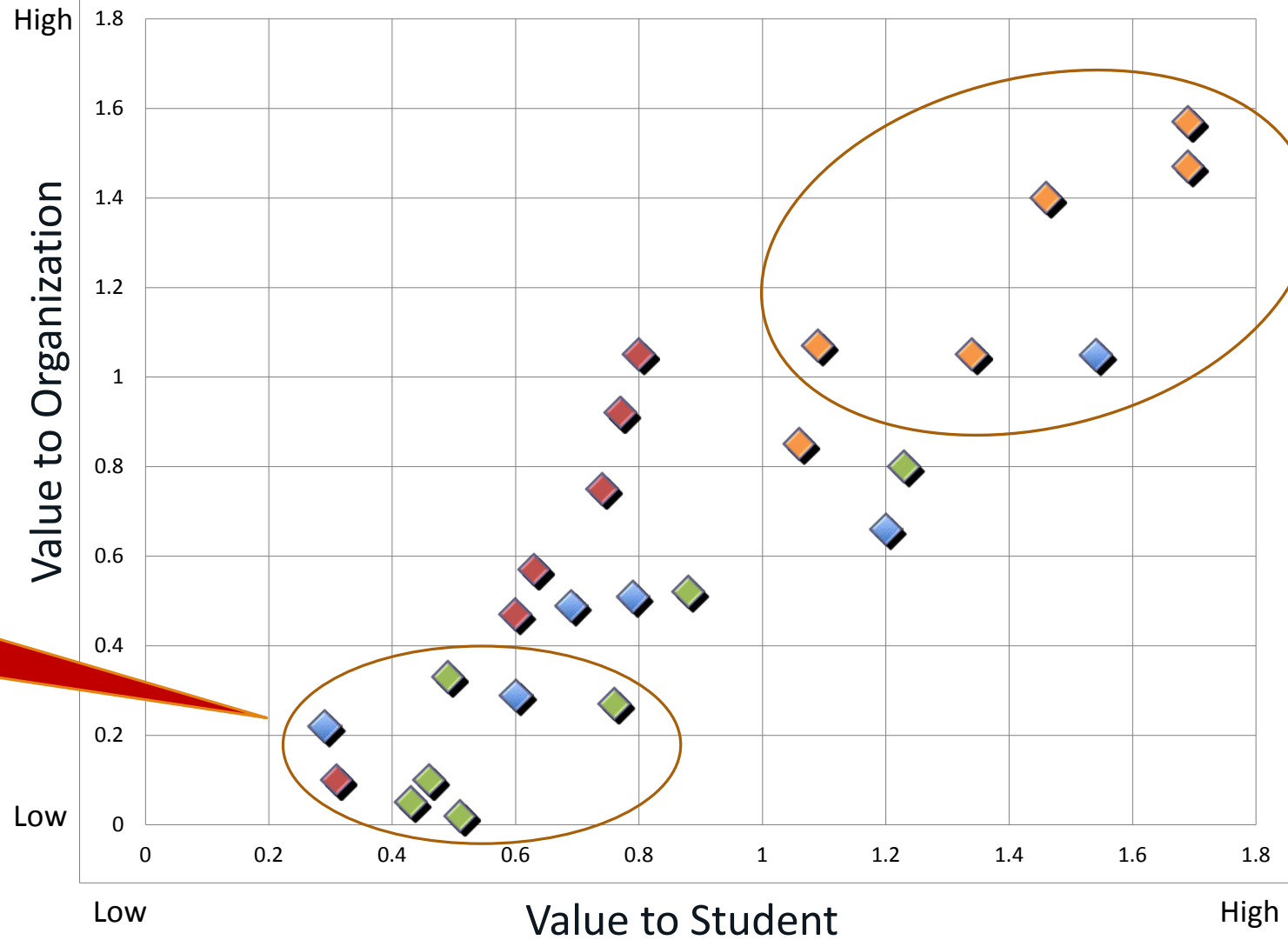
- 1) *What advice would you give to a student?*
- 2) *What is important to your business?*



Sustainability Knowledge and Skills Survey

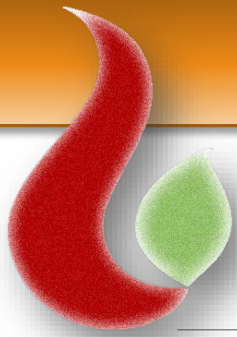
Doing Business in
Hong Kong

Skills and Knowledge for Students in the 21st Century

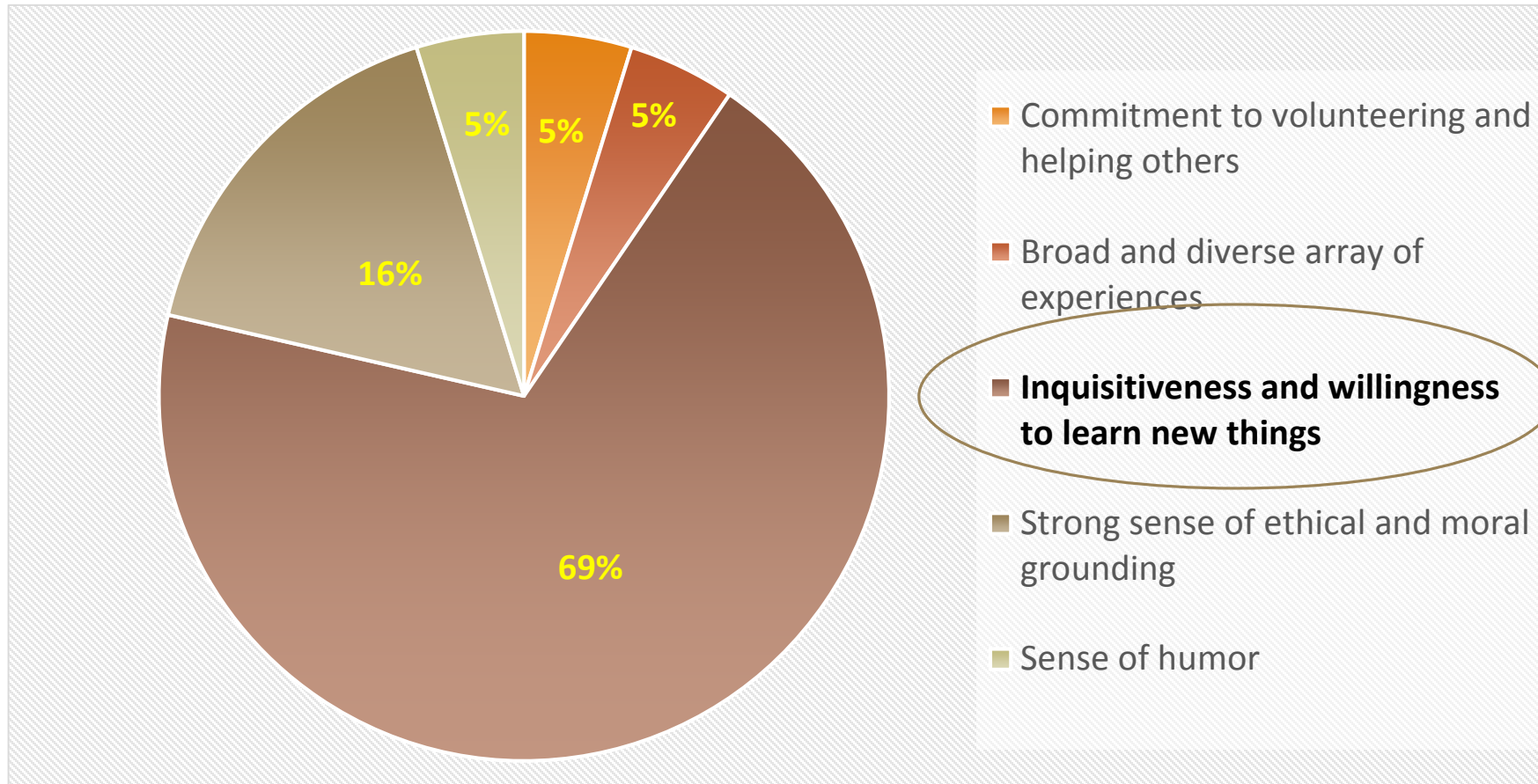


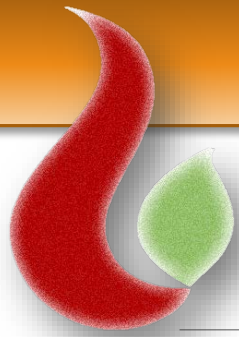
Taught hard
skills and
training

Learned soft
skills and
experience

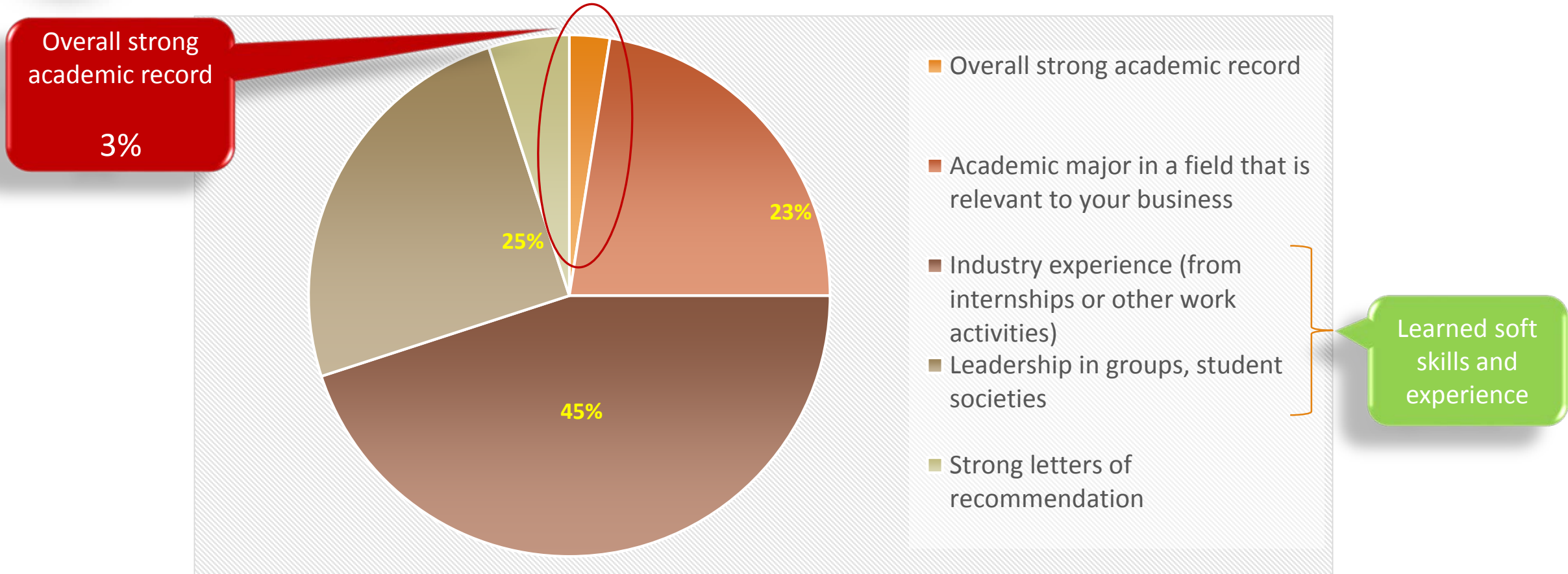


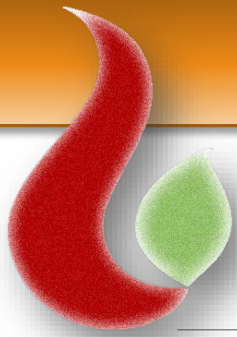
Important Attributes in Employees





Important Attributes for Applicants





Brief Conclusions

Experiences matter

How can we best utilize the campus as a learning lab?

Interpersonal and social skills mean everything

How do we create vibrant spaces that foster interconnections?

Inquisitiveness opens the world

How can we foster a life-long love of learning?





Questions?