



The Future of Project Controls and AACE International

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web.aacei.org

AACE
INTERNATIONAL

- SVP, Turner & Townsend
 - PE, CCP, DRMP, and PMP
 - 30+ years construction experience
 - Project management & project controls
- AACE President Elect
 - Member of AACE starting in 1999
 - Served as DRM subcommittee chair, Regional Director, VP Admin





- The Future
- The Impact
- Prepare
- AACE

Example of Disruption

Easter morning 1900: 5th Ave, New York City. Spot the automobile.



Source: US National Archives.

Easter morning 1913: 5th Ave, New York City. Spot the horse.



Source: George Grantham Bain Collection.

"If you miss disruptions you miss out on wealth creation opportunities." – Tony Seba.

The current state of project controls for capital projects is a broad spectrum

Simple spreadsheets
Simple bar chart

Integrated software
Enterprise systems
Integrated planning

No formal project
controls staff

Project control teams
Specialized functions



What Will Drive the Disruption

More Mega
Projects

Need for
Sustainability

Aging
Infrastructure

Increased
Globalization

Construction
Technology
Advances

Digital
Technology
Advances

The Disruptions



How we
work
together



How we
develop
projects



How we
construct
projects



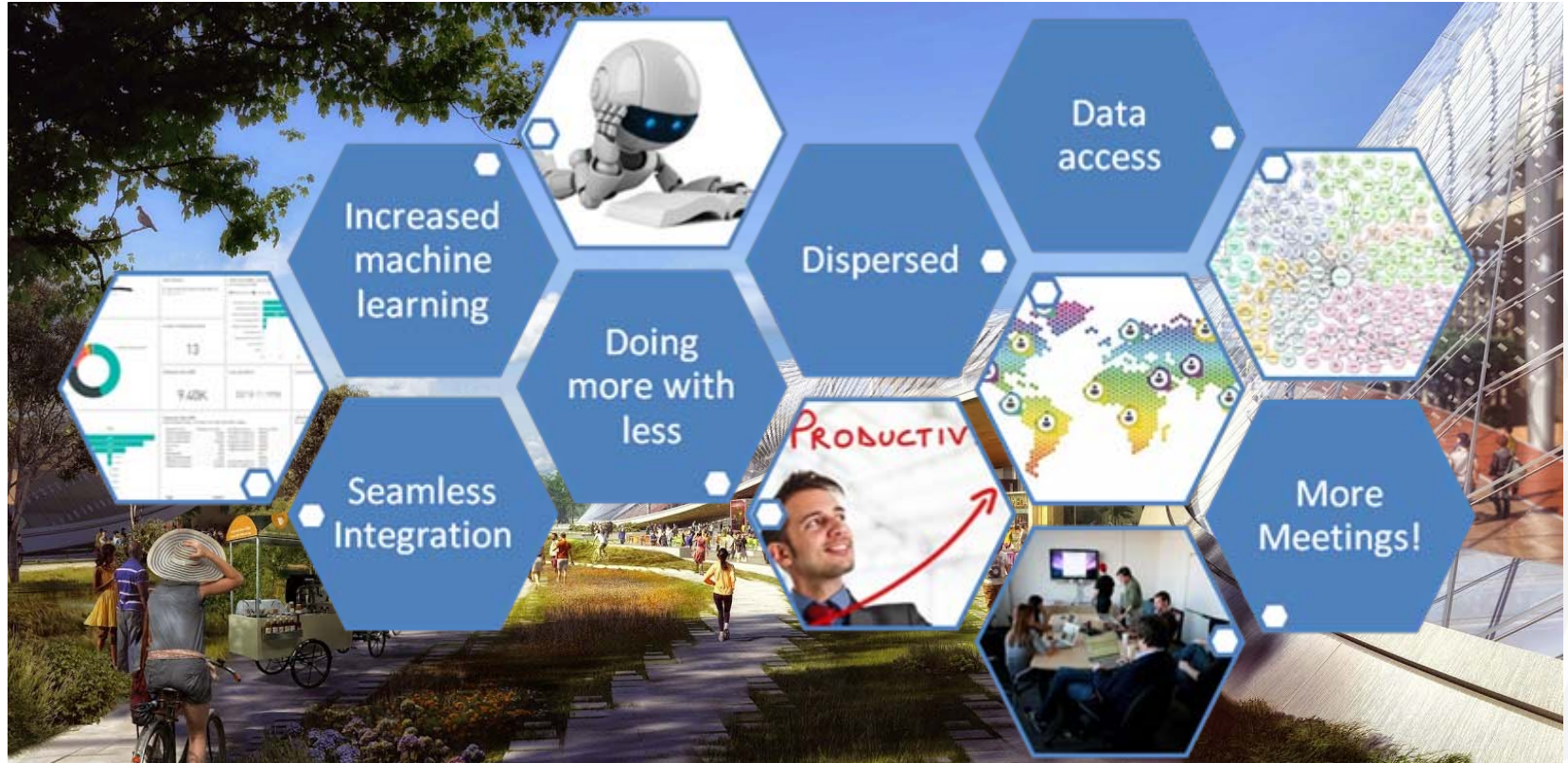
How we
manage
data

What will it look like?

**Not
This!**



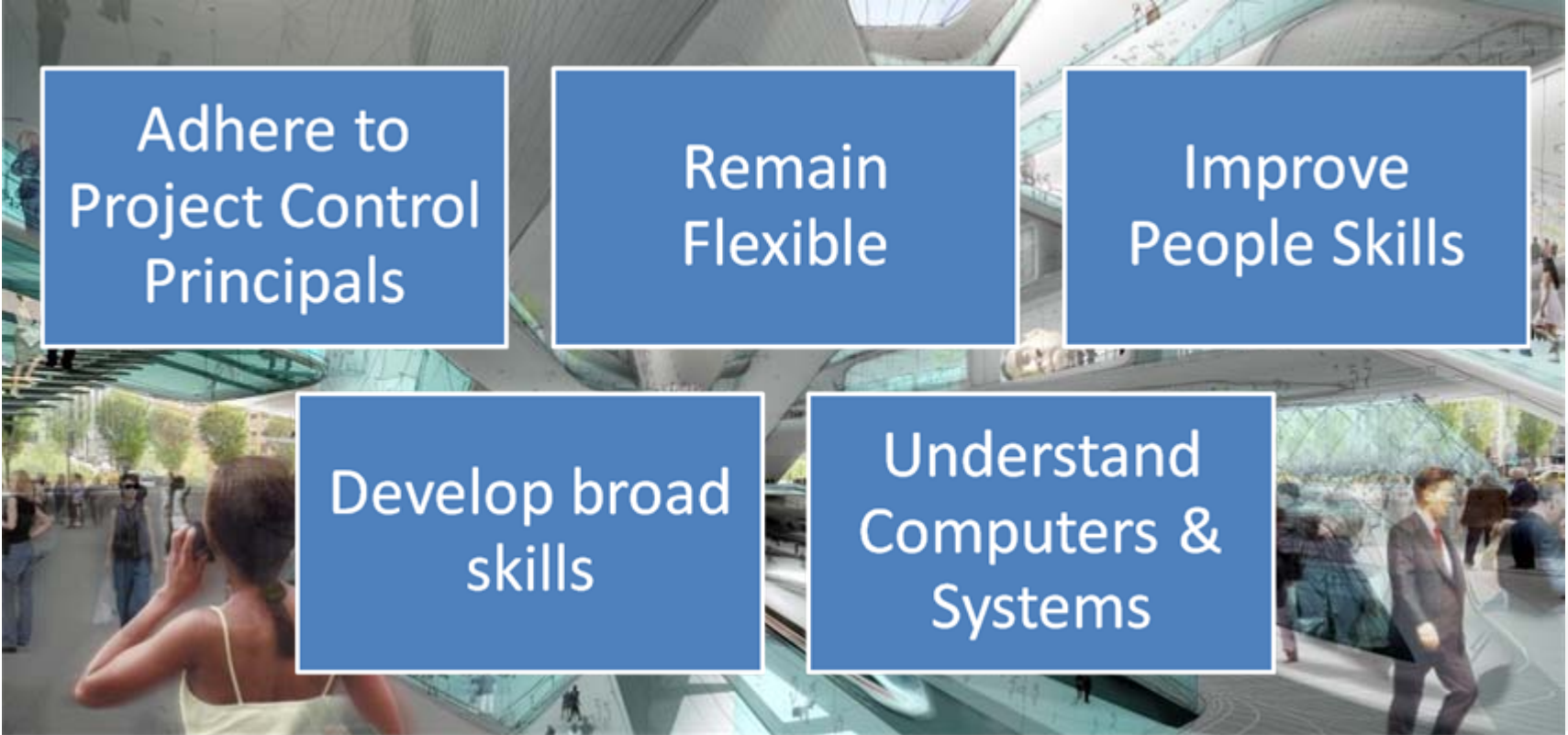
What it will be



My Plan



Enhance Basic Skills



Adhere to
Project Control
Principals

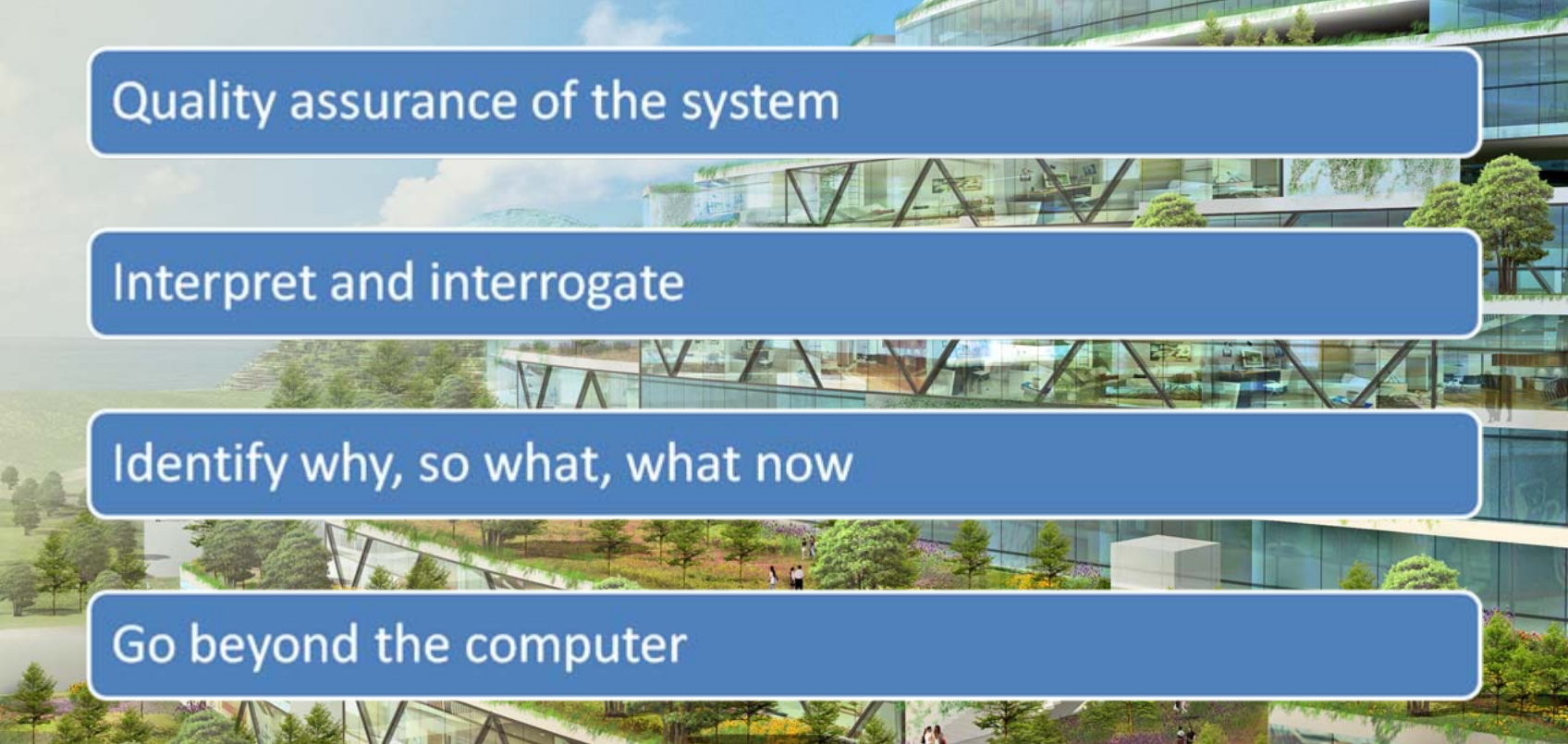
Remain
Flexible

Improve
People Skills

Develop broad
skills

Understand
Computers &
Systems

Enhance Analytical Skills



Quality assurance of the system

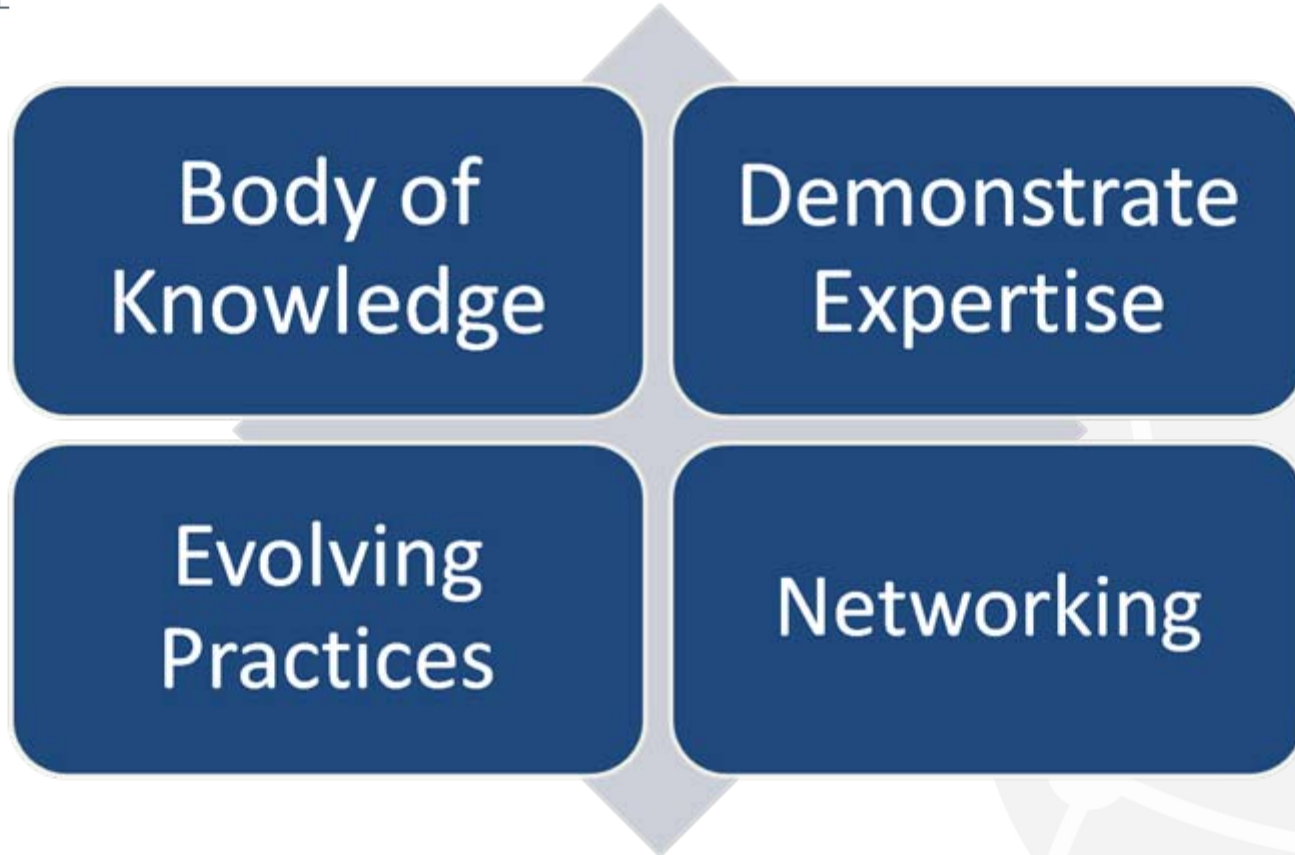
Interpret and interrogate

Identify why, so what, what now

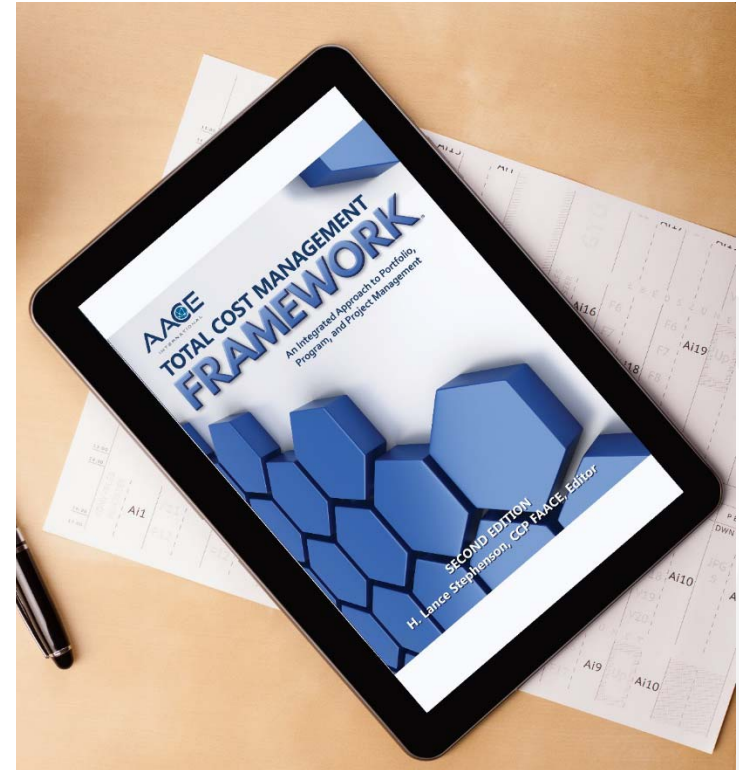
Go beyond the computer

**This is where
AACE International
can help!**

What we offer



- Total Cost Management Framework
- Recommended Practices
- Professional Guidance Documents
- Virtual Library
- Skills & Knowledge of CE



- Robust Certifications
 - Technician level
 - Professional level
 - Expert level
- Write & present papers
- Training & study



- Technical Subcommittees
- Special Interest Groups
- Online communities
- Annual Conference & Expo
- Peer Reviewed Technical Presentations

CONTENT DEVELOPMENT

*Since 2015:
445 papers added
to the Virtual Library*

437 recorded sessions

Since June 2019...
5 new RP's published
7 existing RP's updated
More RP's in development

- Annual Conference & Expo
- Online communities
- Regional/Local events
- Local section meetings
- Focus groups: Women in Project Controls, Rising Professionals



Where we are going...

New RP's and technical papers being developed

Enhancing virtual communities

Developing more training products

Improved communication and outreach

Innovations for C&E, website, and member engagement

The future looks good,
but you need to be
prepared.
AACE International can
help you on this journey.





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