



### **Introductions**

- W. Lance Kirby, Senior Business Consultant, Autodesk
  - Previously with Perkins + Will and Rosser International:
     Projects in justice, commercial, education, sports, aviation and healthcare.
  - Joined Revit Technologies in 2000, Autodesk in 2002. Helped develop Revit
  - Trained and mentored 1000's of architects and engineers in the use of BIM
  - Consultancy customers include: AECOM, Balfour Beatty, Ballinger, BART, Brown and Caldwell, Burns and MacDonnell, Cannon Design, CDM Smith, CH2MHill, Corgan, DAR, DLR, Ellerbe Becket, EXP, Friedmutter, GE, Gensler, Gilbane, HDR, HKS, HOK, Jacobs, Kling Stubbins, Marriott, MWH, NBBJ, P+W, Petrobras, RTKL, SNC-Lavalin, Skanska, SOM, TVSA, Walmart, WSP, USACE, and URS
  - B. Arch from Mississippi State U. & the Technical U. of Budapest

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## **Class summary**

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This course will help you to gain executive sponsorship and identify and charter meaningful initiatives. You will also discover Building Information Modeling (BIM) and virtual design and construction (VDC) initiatives that make your company money, establish the business case for the change, develop success measurements for the change, establish which stakeholders can help drive the change, as well as identify both the parties who will own the change and success measures that will gain high-level commitment to win and succeed.

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# **Key learning objectives**

At the end of this class, you will be able to:

- Learn to identify meaningful initiatives that influence company revenue
- Learn how to develop and champion enterprise technology innovation initiatives
- Understand the critical variables that help to better ensure successful execution
- Understand the change management framework and methodology

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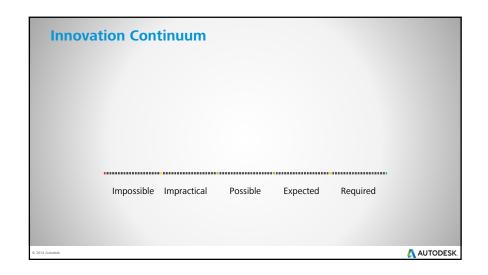
## **Schedule**

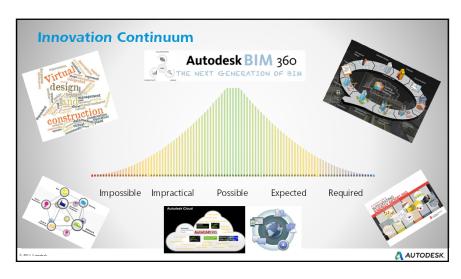
- Intro: Diagnose before you subscribe 3 min.
- Identifying the big rocks" 25 min.
- Implementing the change 20 min.
- Q&A 7 min.

Identify	Description	Example
PAIN	What pain(s) are you facing, in which you consider your hack a potential or ideal solution? Be as specific as you can. Offer as much "use case" context as you care to paint an accurate picture	• "We're thirsty"
WHO	Who is having this pain, and when?	Me, and my coworkers
WHY	What are the underlying reasons for that pain? Is it because?	No convenient source of liquid while I'm working     Water leaks out of my hands when I carry it with me
IMPACT	What bad things happen because of that pain? What is the impact to you, others in your organization, or other external project stakeholders? Is this pain causing?	Can't focus     Long breaks     Plummeting morale     Staff retention
VALUE	What is the cost/monetary value to that pain? How much, how many, how often does that pain occur?	Water breaks extra 30 minutes per day, per each of 50 staff @ \$100/hr = \$650,000 year
APABILITIES	What new capabilities do you envision? Why? How will those capabilities mitigate the pain you identified? If you were king for a day, how would you solve this problem?	Transport water in cups and bottles Drones carrying hoses Immersive VR simulation of rive to soothe and distract

Identifying the Big Rocks

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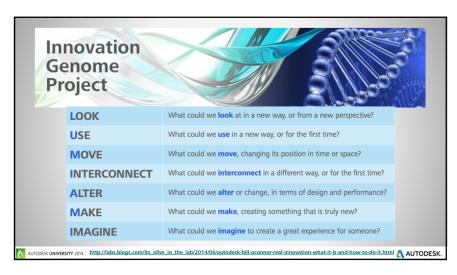






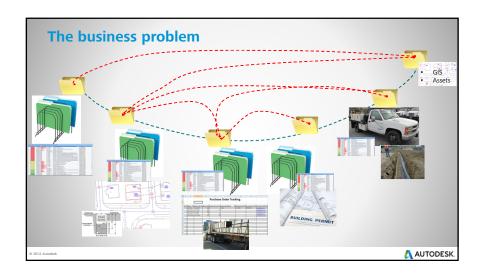


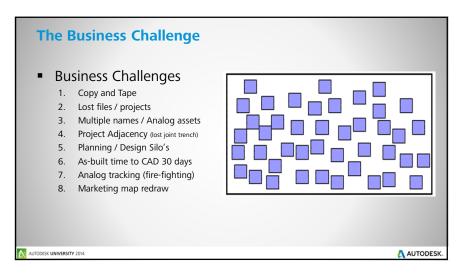


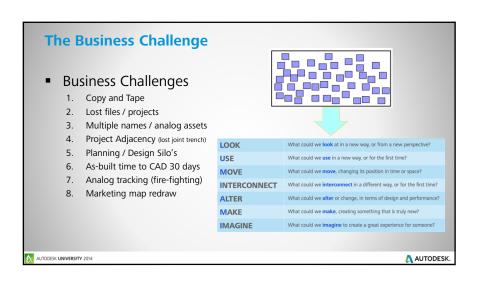


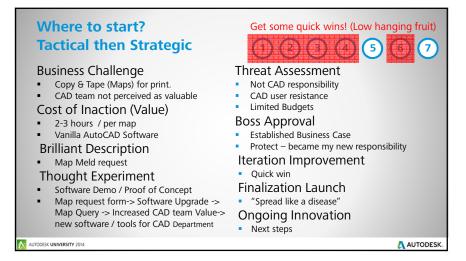


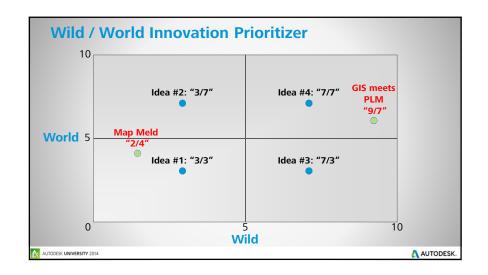


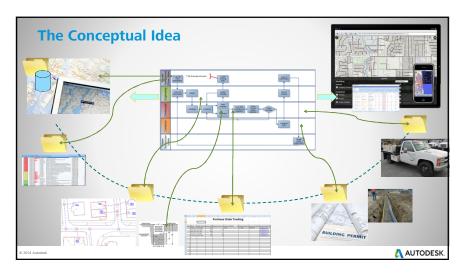


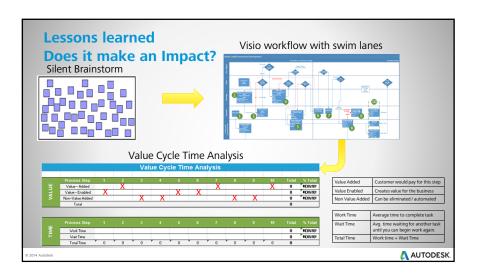










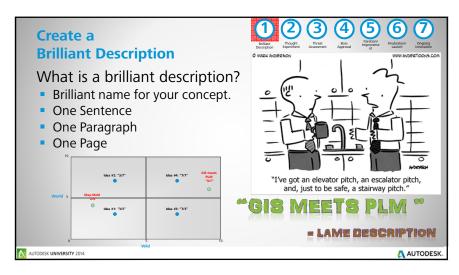


#### **Pareto's Optimal Allocation of Resources** Vilfredo Pareto (1848-1923) Sample Hypotheses We can save money by • 80/20 rule eliminating First Class on Law of the vital few international flights. (critical few variables) • Quick Sampling: Examples: How many of us flew internationally to • 80% of sales comes from get here? 20% of clients If you flew Internationally and you flew first class, share how much you paid? \$US Dollars (If you didn't fly first class multiply by 5) If you flew domestic (States) share how much you paid for your flights.

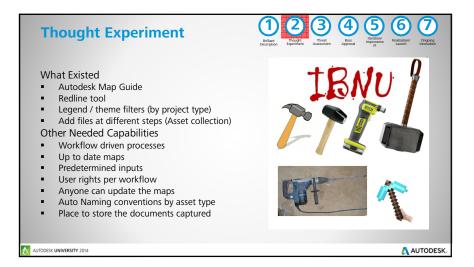
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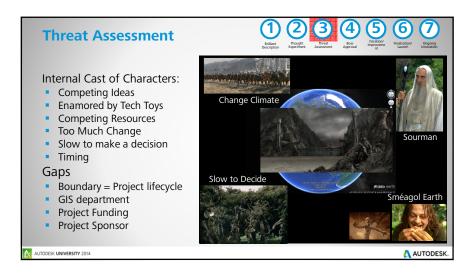
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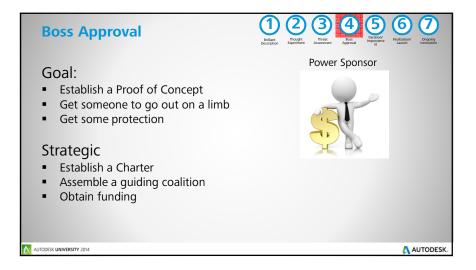






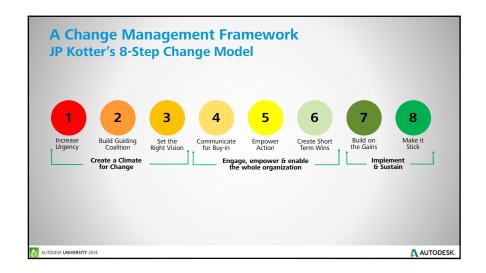


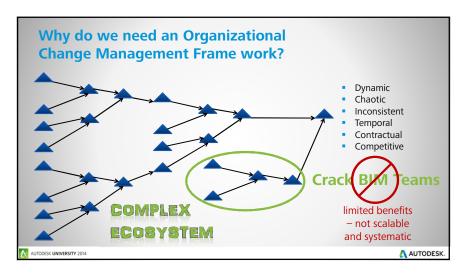


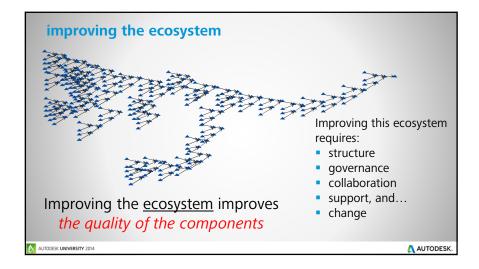


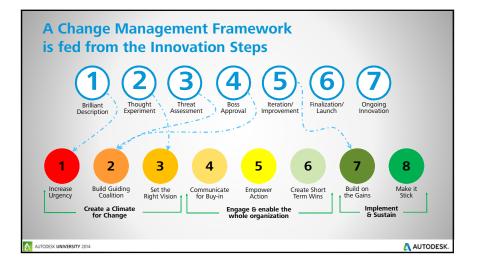




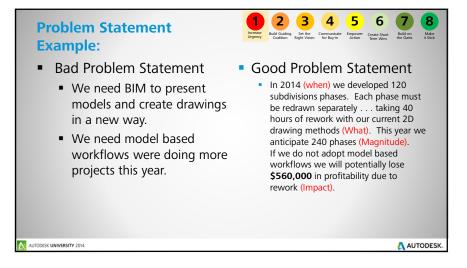


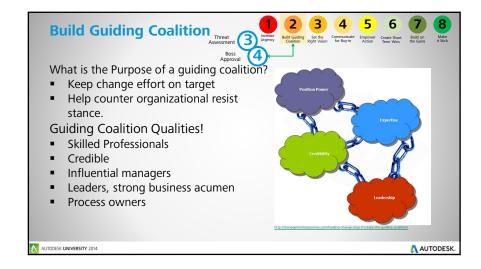


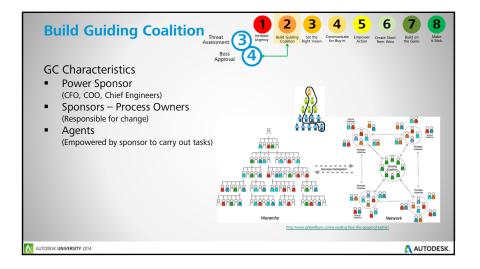




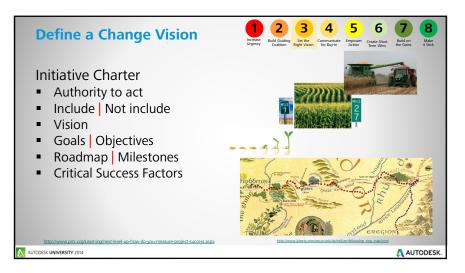




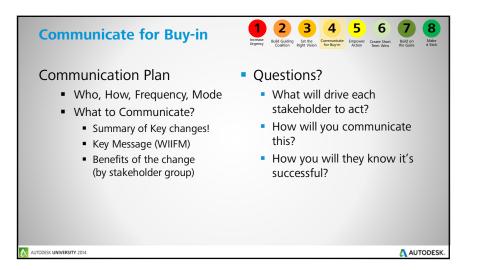




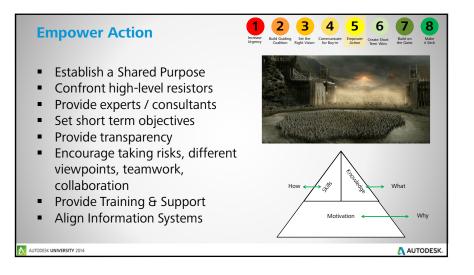




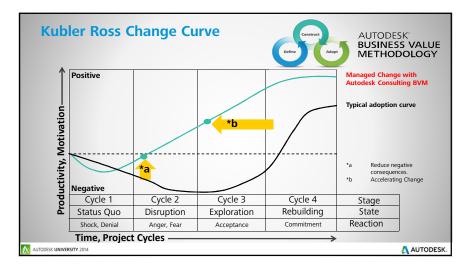


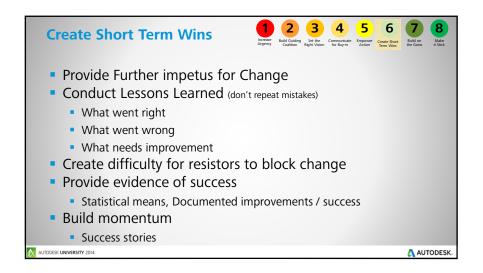


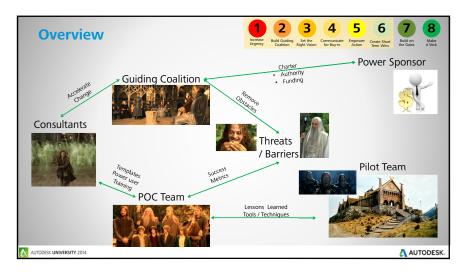


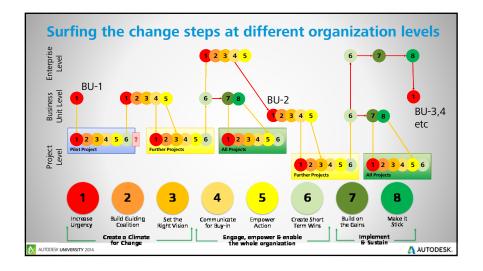


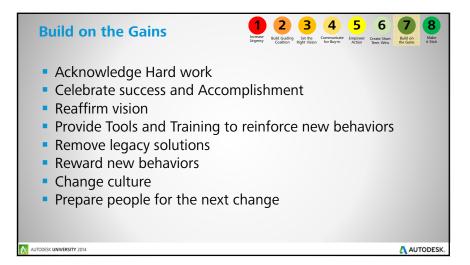












	Questions?	
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