



Ask the Expert Webinar #3

Heather Himmelberger and Ross Waugh
May 2015

Part of Smart Management for Small Water Systems



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Asset Management

Small Water Systems Project

Under a cooperative agreement with the [US EPA](#)

Nine Environmental Finance Centers, One project to promote sustainable financing and management for small water systems.

[Learn More](#)



Smart Management for Small Water Systems



AWWA Asset Management Survey

AWWA requests your participation in this brief, 30 minute survey about your utility's current asset management practices. We request that you take this survey even if your utility is not currently engaged in asset management as it will help us assess practices. Your answers will be confidential and no identifying information will be shared or reported. *Three lucky survey participants will receive \$100 gift cards to the AWWA store from a random drawing in June.*

[CLICK HERE TO TAKE THE SURVEY](#)

Questions???

Ask heatherh@unm.edu or Jennifer Santini
jsantini@awwa.org



Find Money in the Water System Budget: Energy Management (E.M.) Webinar Series

- #1: E.M. Planning for Small Water Systems and the NYSERDA Model (12/02/14)
- #2: E.M. Teams, Baselines, and Data Collection (03/03/15)
- #3: E.M. Project Ideas, Prioritization Methods, and Implementation Planning (06/09/15)**
- #4: Special Financing Models for E.M. Projects (TBA: September 2015)



ENERGY MGT. WEBINAR #3:

Find Money in the Water System Budget: Energy Mgt. Project Ideas, Prioritization Methods, and Implementation Planning

- 2:00 – 3:00 PM EDT, Tuesday, June 9, 2015
- Instructors:
 - *Steve Kubler*, Installation Technician, AWI, and former manager of water system at Chanute, Kansas
 - *David Tucker*, Project Director, EFC at UNC-Chapel Hill
- Register here at:

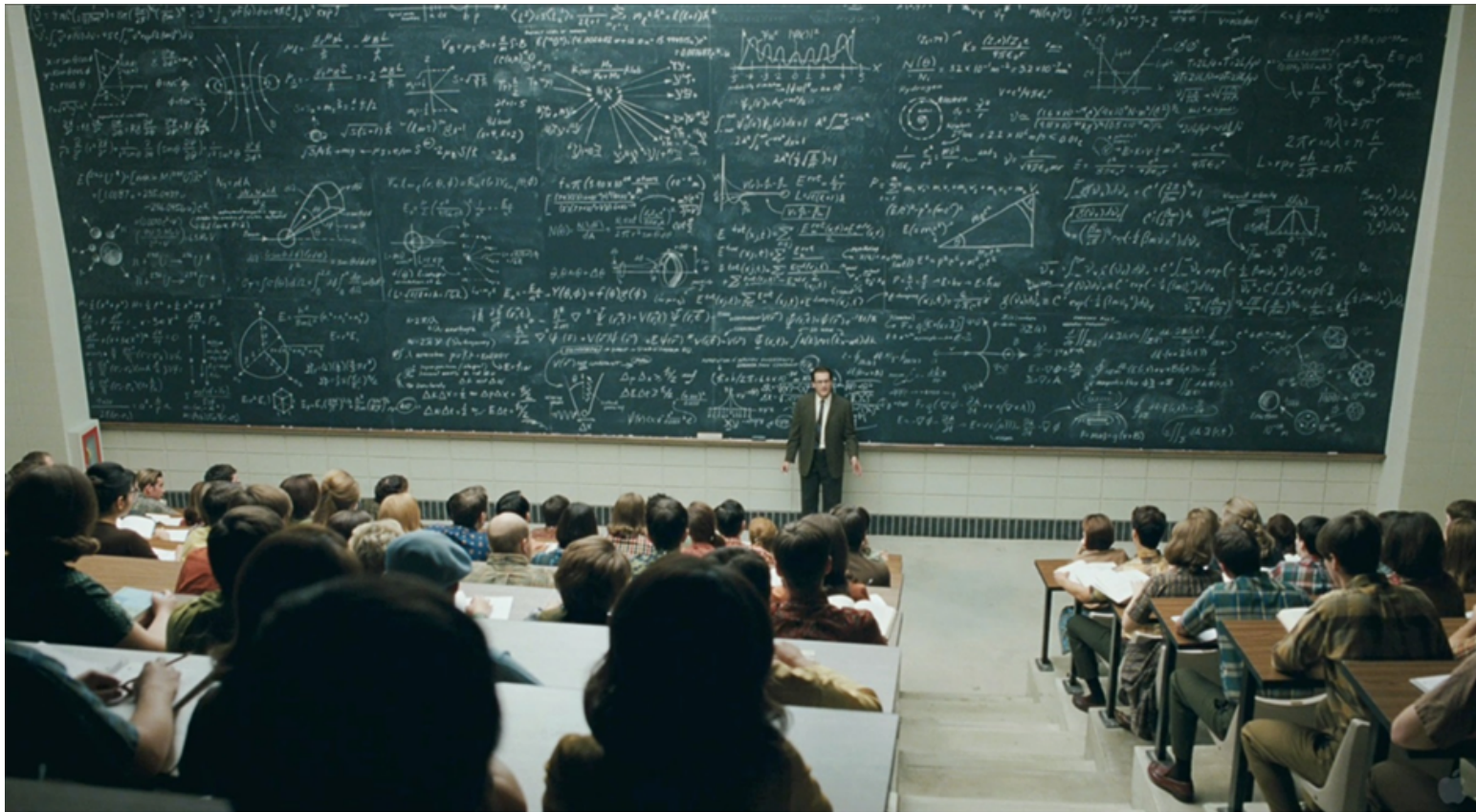
<http://efcnetwork.org/webinar-energy-management-3/>



Some Resources

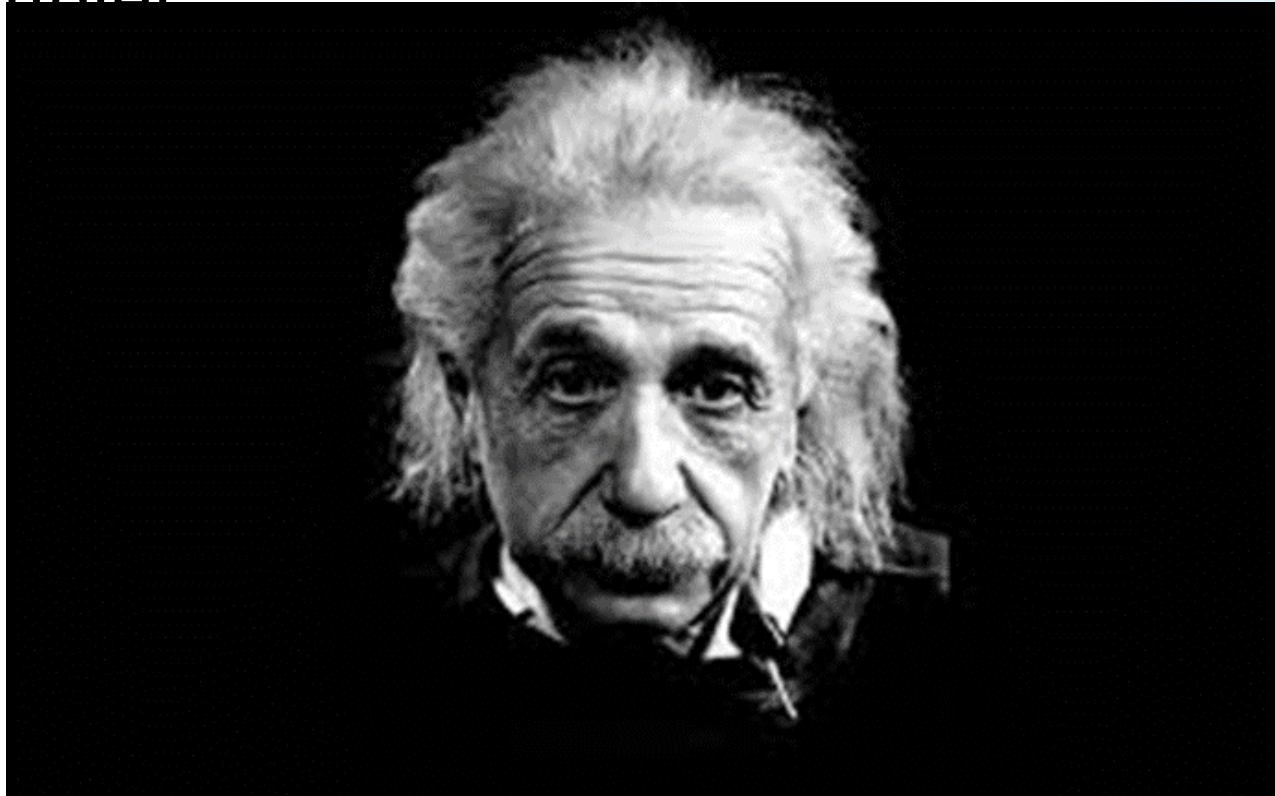
- www.waughinfrastucture.com
- www.inframanage.com
- www.efcnetwork.org
- <http://southwestefc.unm.edu>

Engineers like complexity – why?

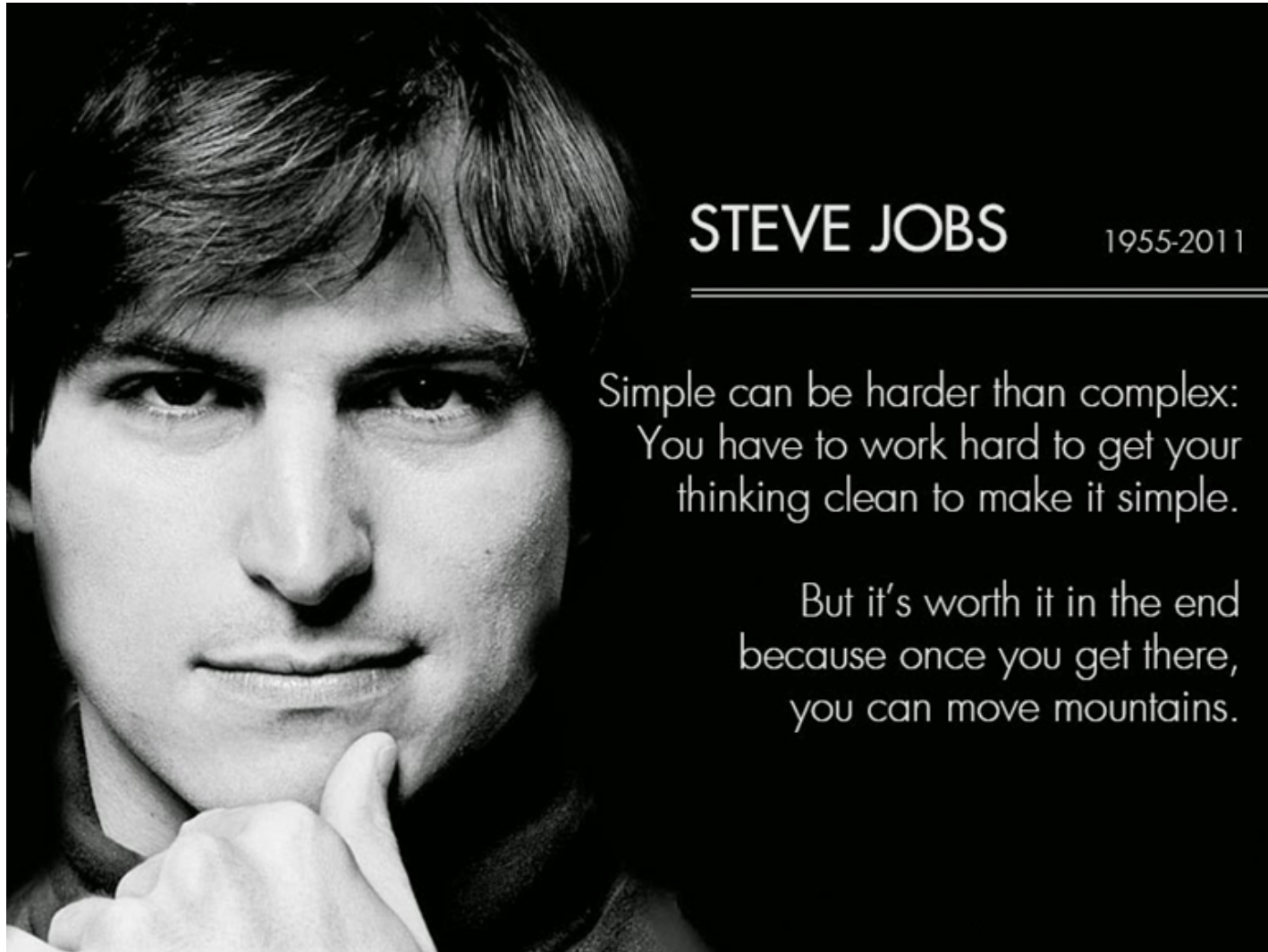


Albert Einstein advice

“Make everything as simple as possible, but not simpler”



Steve Jobs advice



STEVE JOBS

1955-2011

Simple can be harder than complex:
You have to work hard to get your
thinking clean to make it simple.

But it's worth it in the end
because once you get there,
you can move mountains.



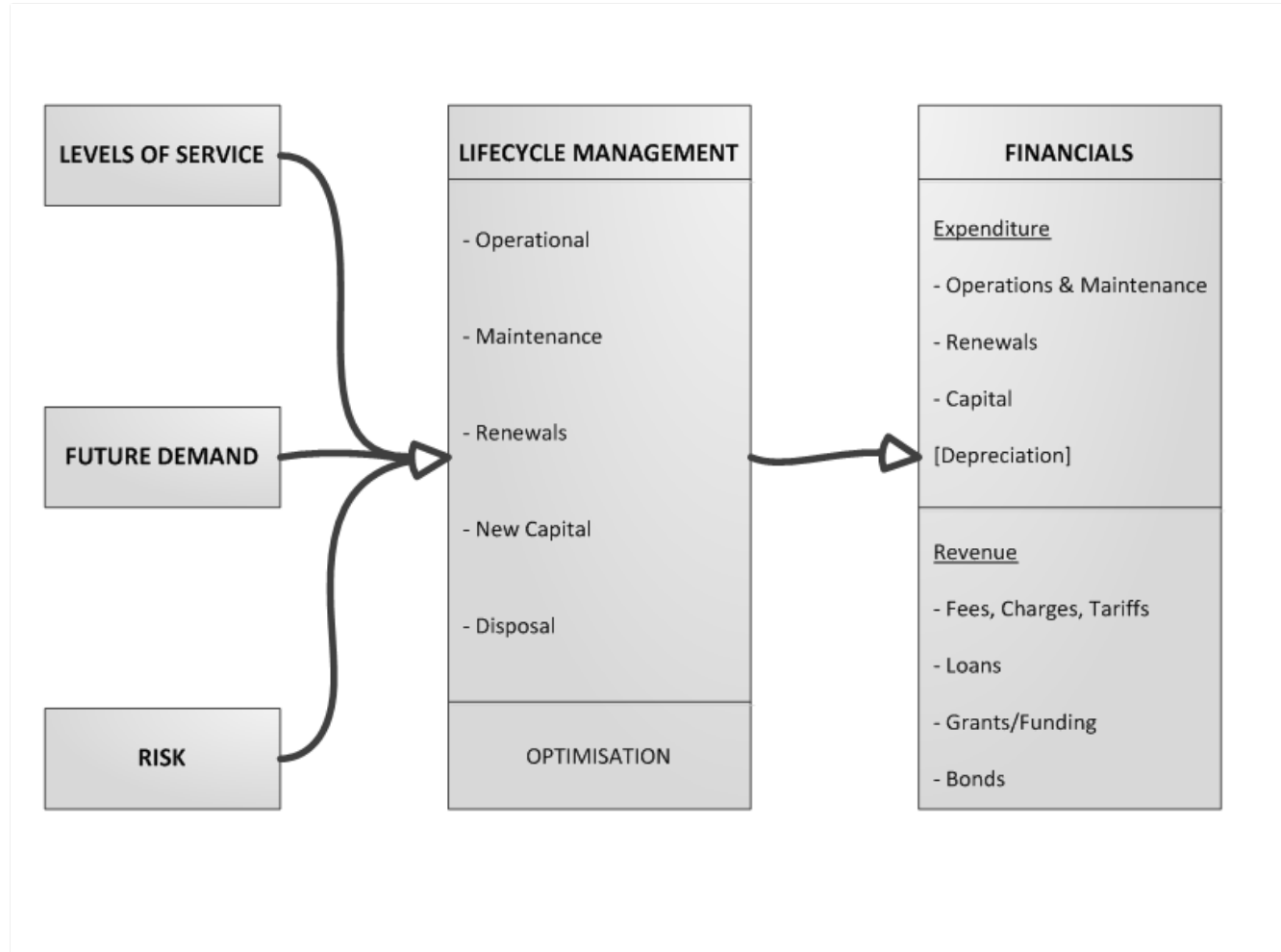
inframanage

Challenge to Simplify

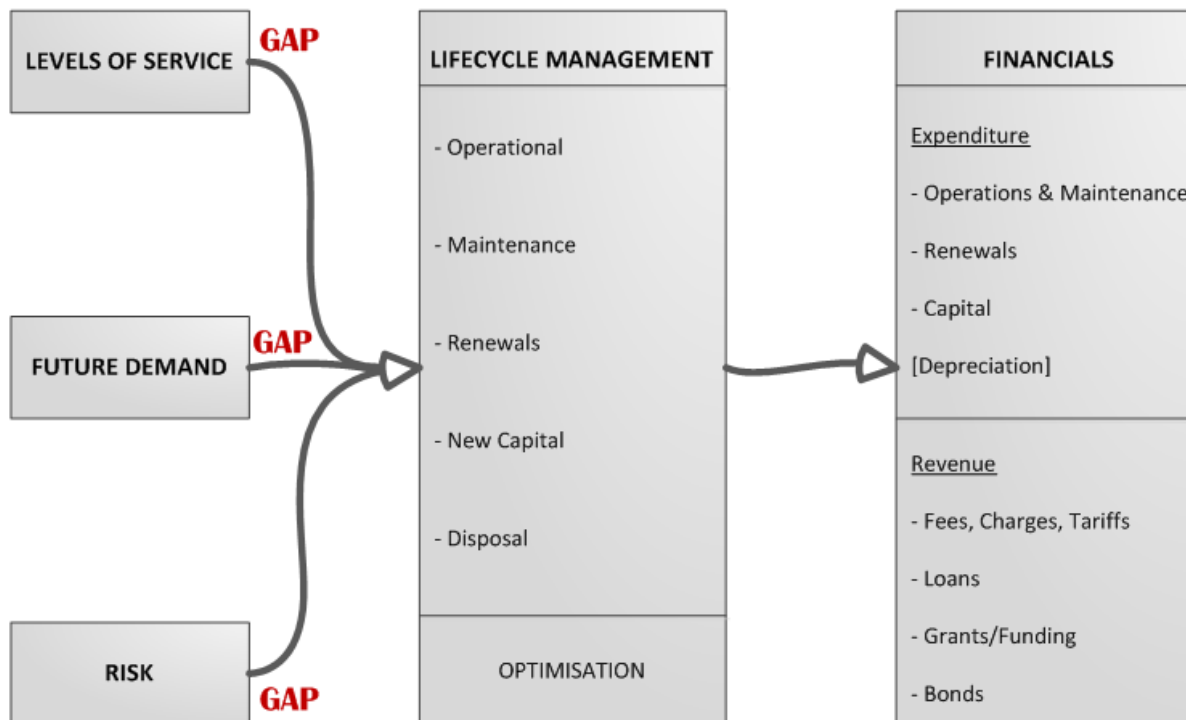
- To simplify, you must have a full understanding of the subject
- This is more of a challenge than just adding complexity



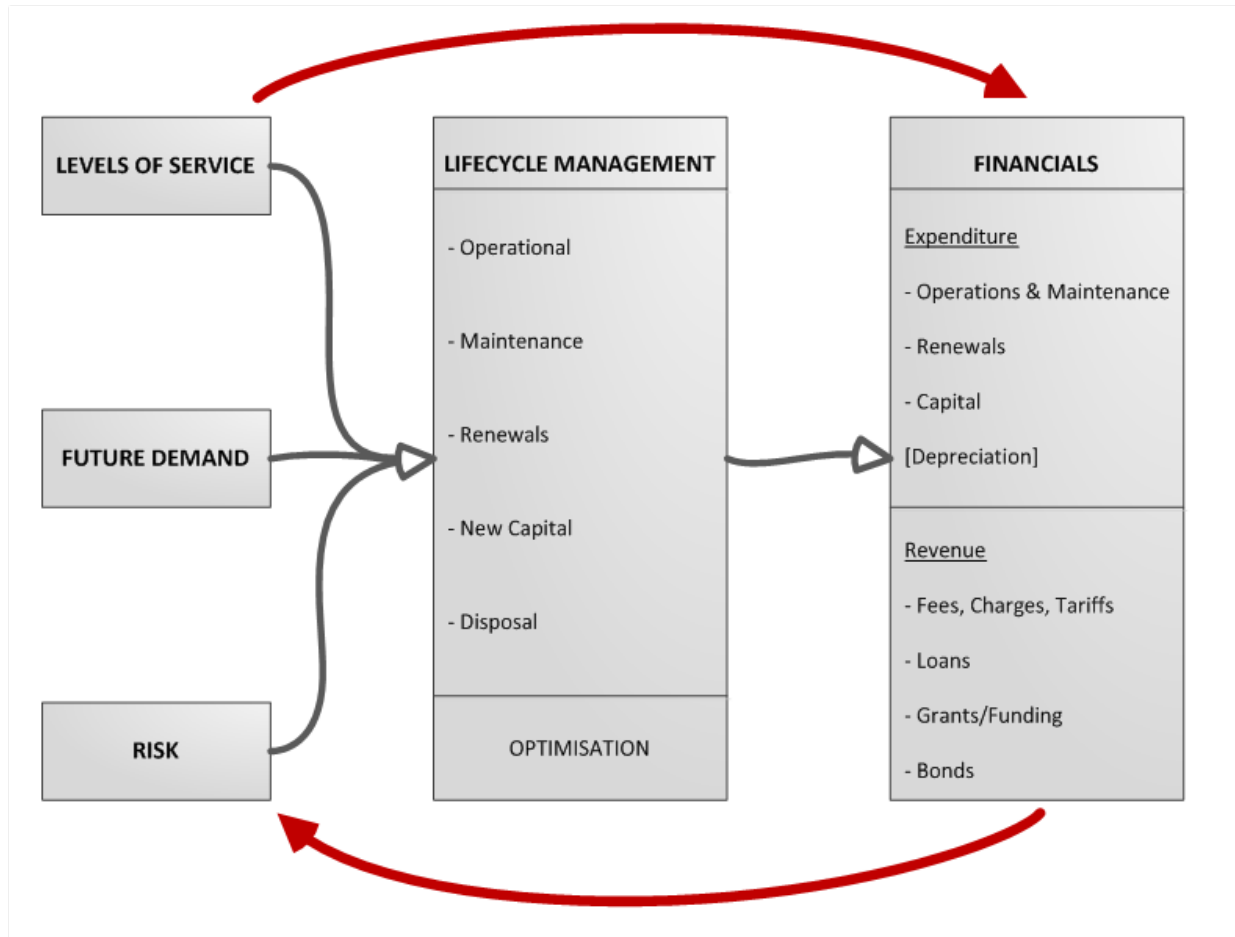
Simple IAM Diagram (1)



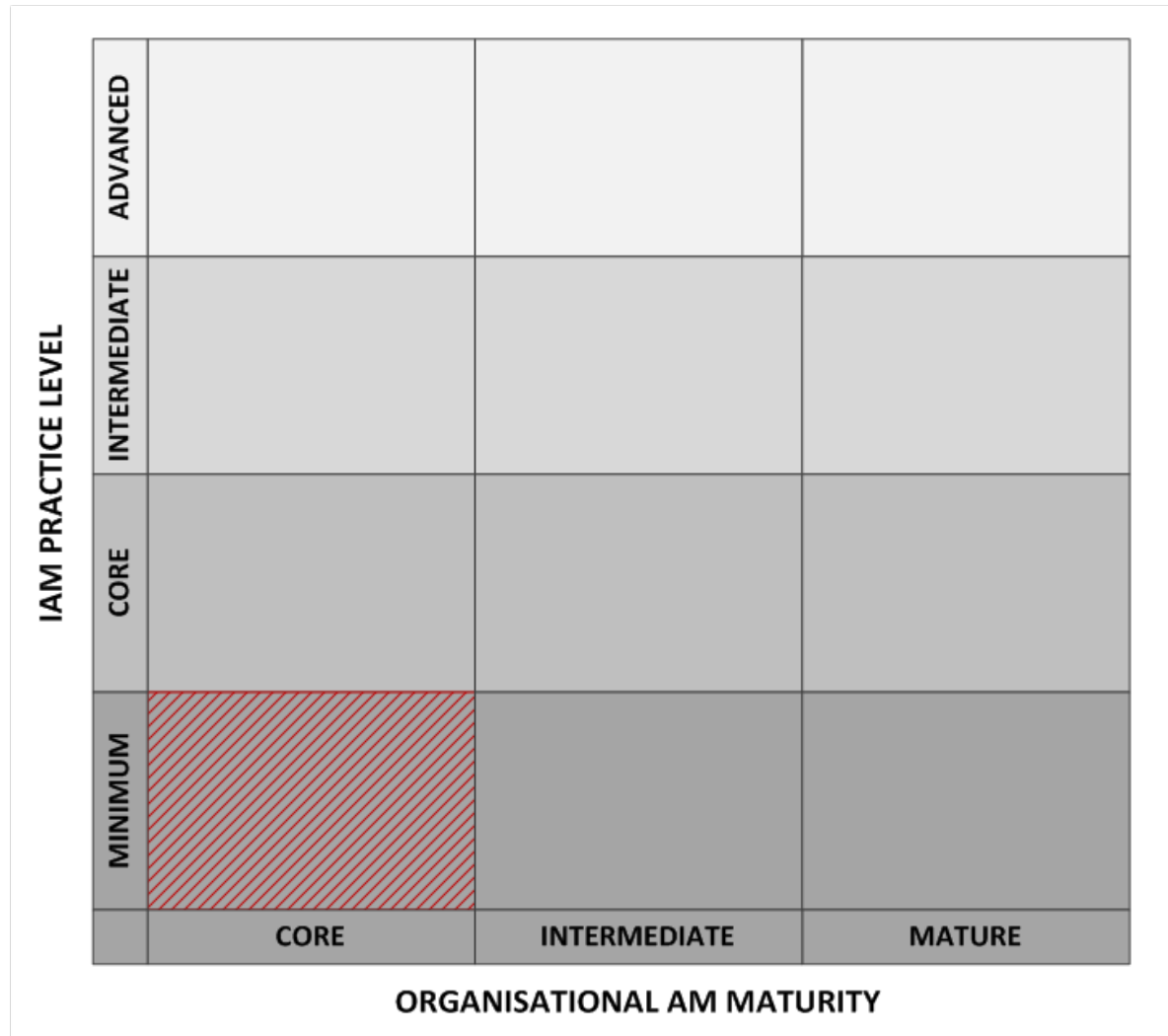
Simple IAM Diagram (2)



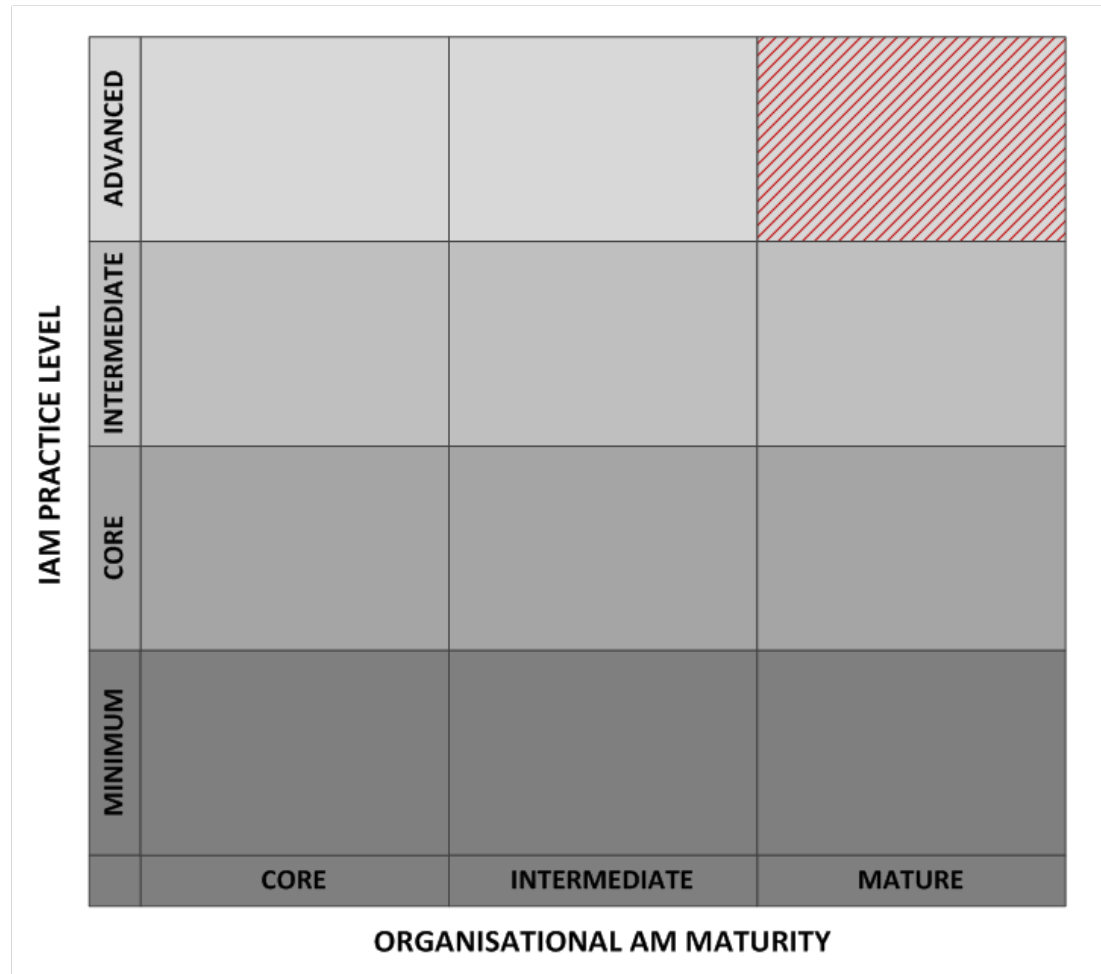
Simple IAM Diagram (3)



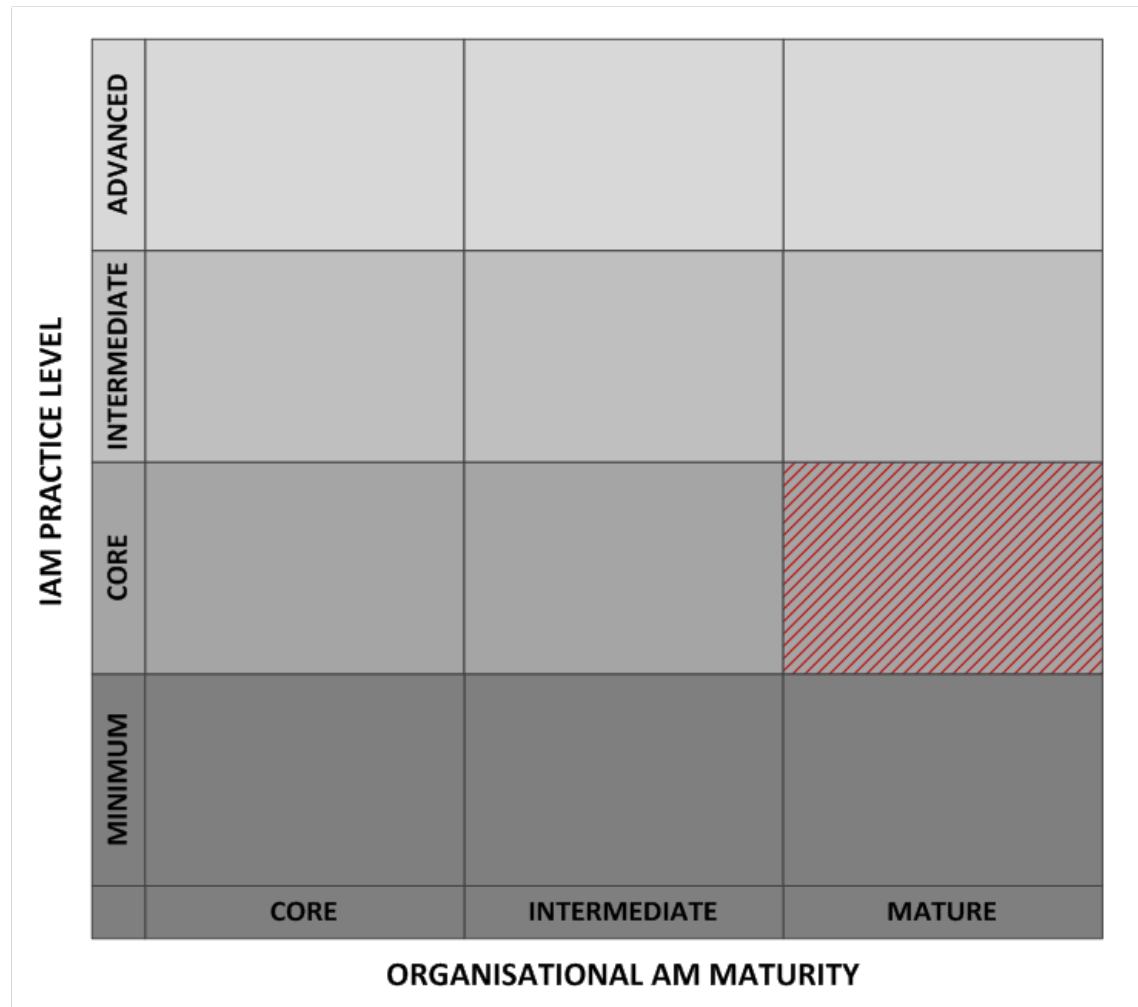
Practice and Maturity Diagram (1)



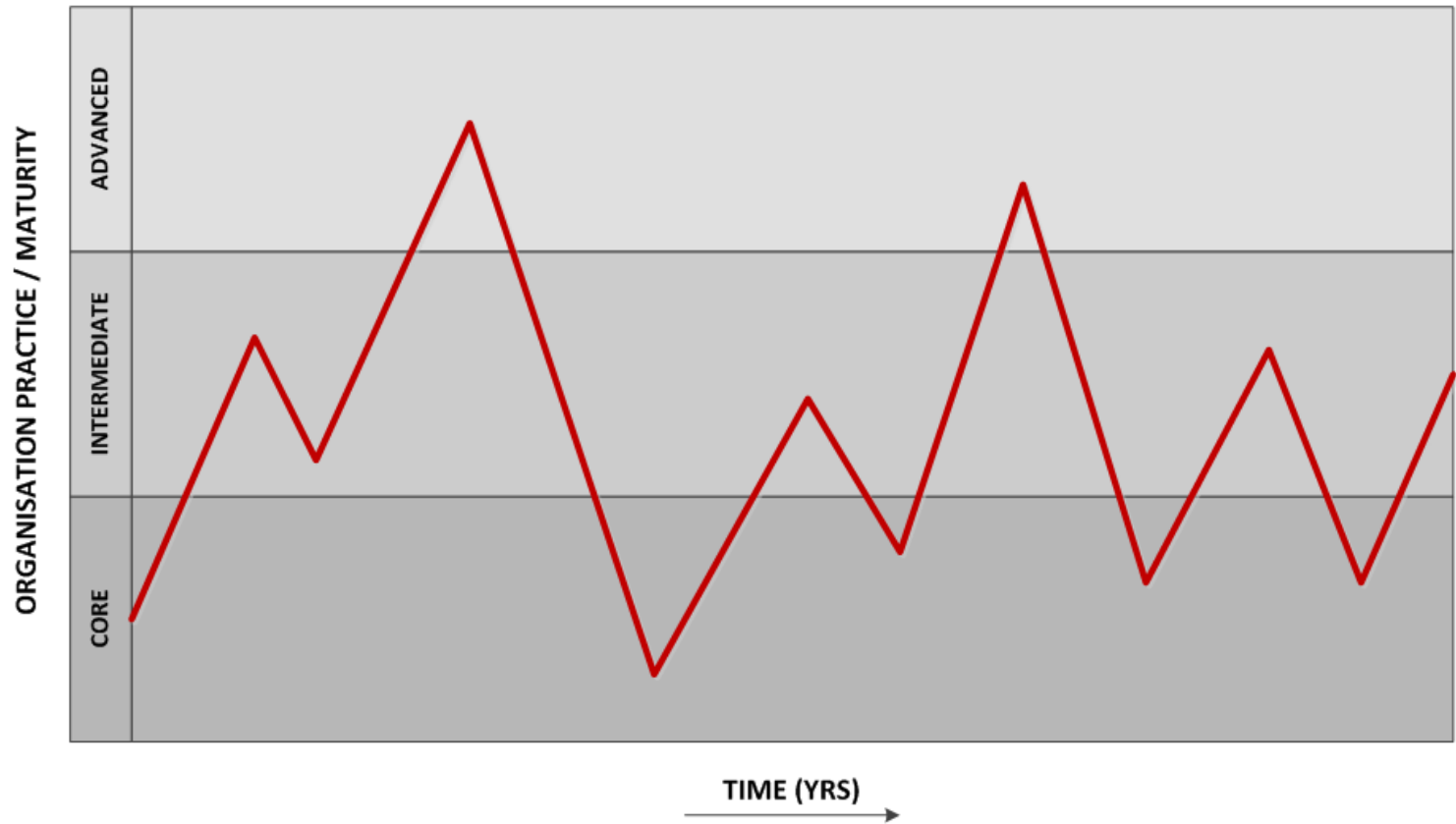
Practice and Maturity Diagram (2)



Practice and Maturity Diagram (3)



Saw Tooth Diagram



Conclusion

- Questions from the presentation?



Some Resources

- www.waughinfrastucture.com
- www.inframange.com
- www.efcnetwork.org
- <http://southwestefc.unm.edu>



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