

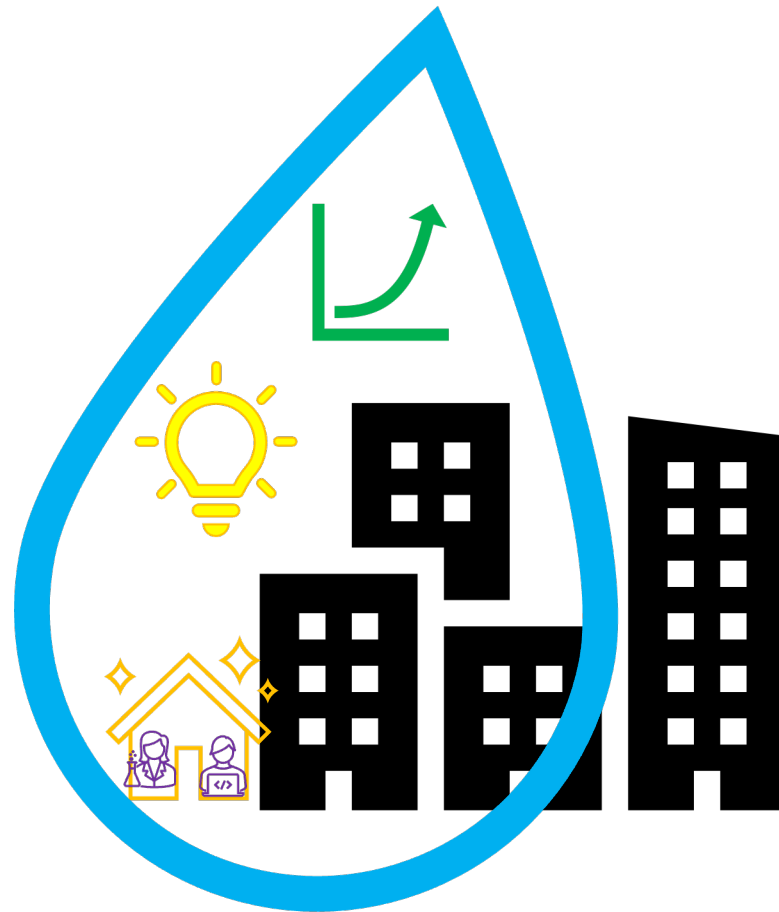


Empowering the Future: Engineering in a Small Water Company



NEWEA 2024 Session 6 - Young Professionals
1/22/2024

Presentation Today



Speaker:
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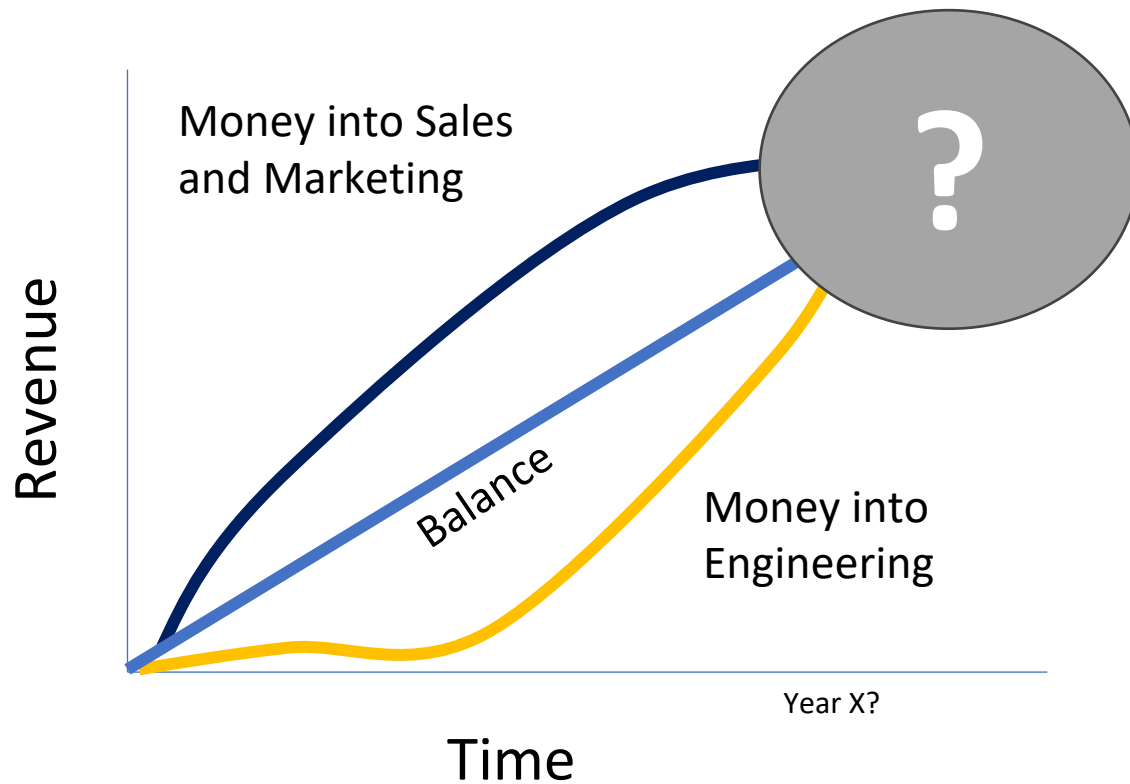
Small Company Engineering and Bright Futures!



What's Your Path?

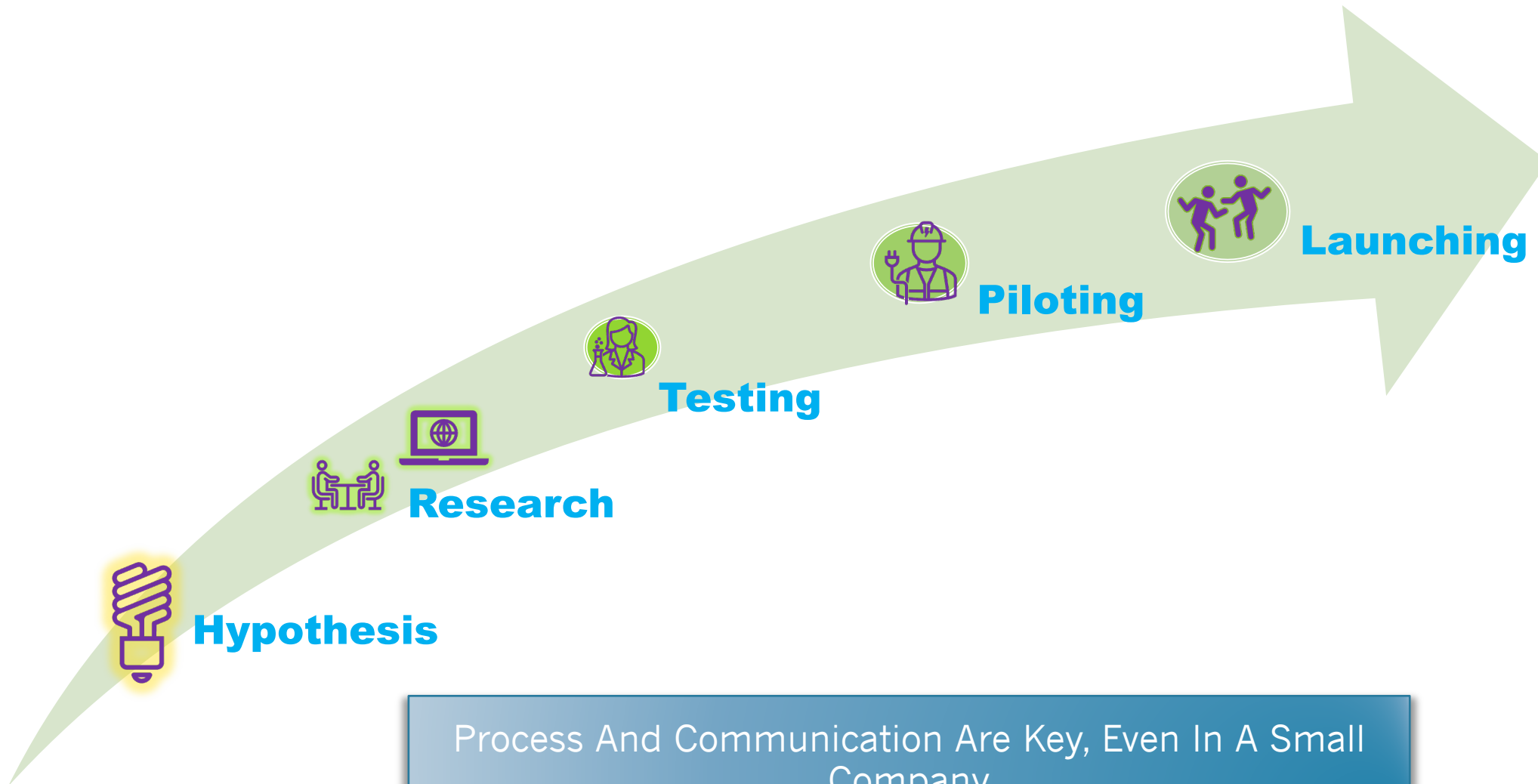
Balancing Early Growth

Where Do You Invest To Grow?



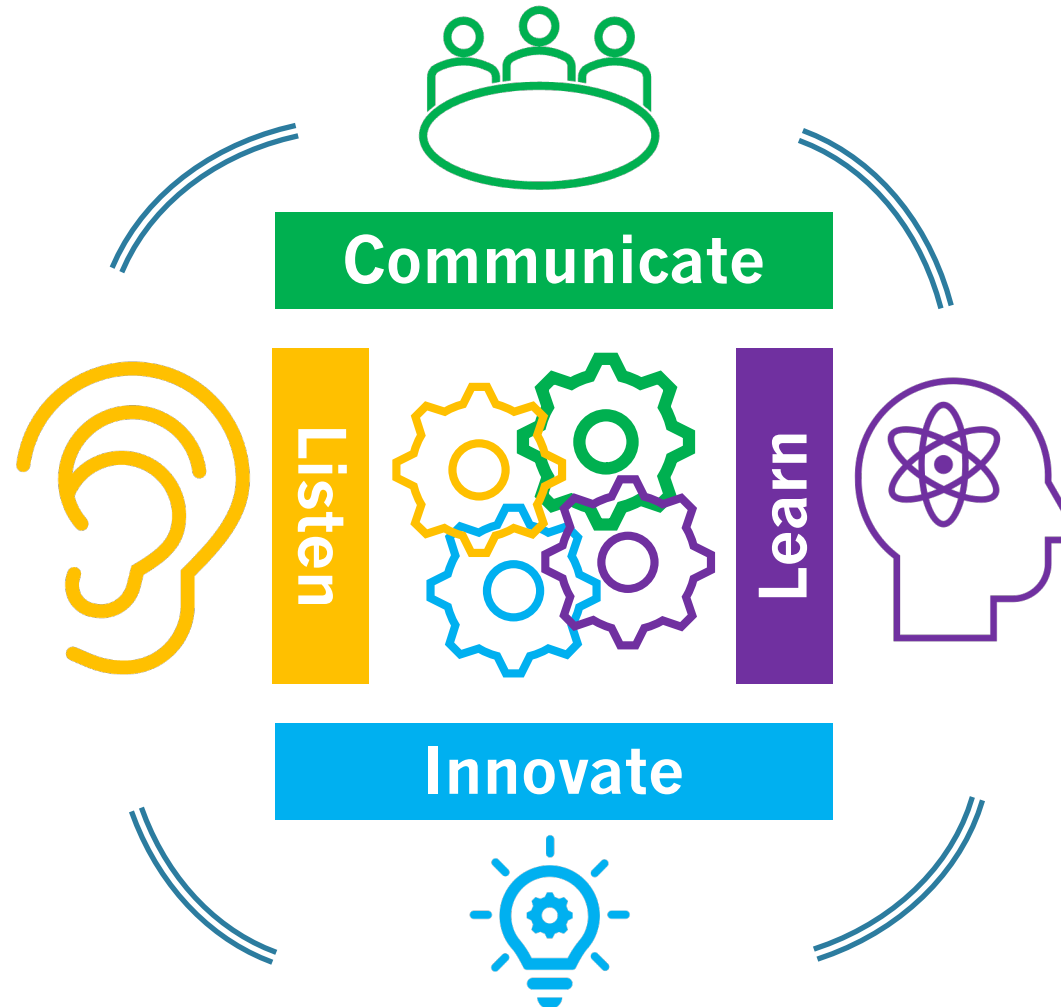
Can You Grow Engineering Without Overspending Without Sacrificing Quality Or The Project Timeline?

How We Get There



Process And Communication Are Key, Even In A Small Company

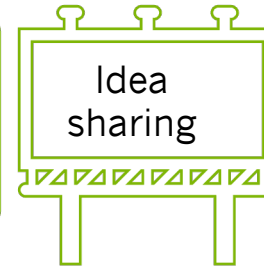
Success Strategy



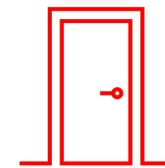
Communication



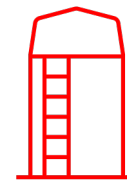
Team
Collaboration



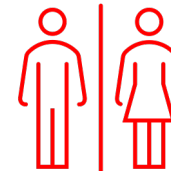
Intra
Competition



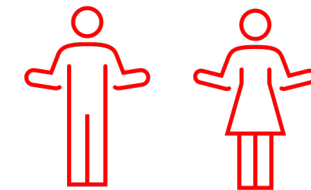
Barriers



Silos



Lanes

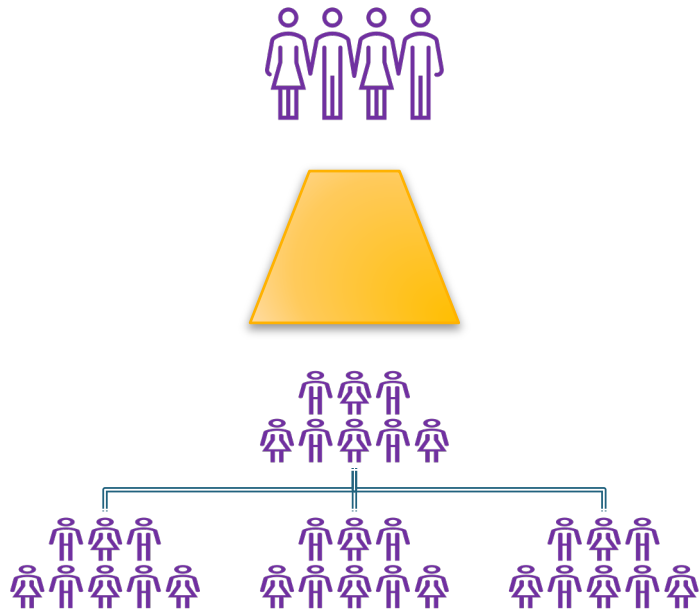


Lost



“Communication Works For Those That Work At It”
-John Powell

Team Dynamics



Now all teams are different
Experience and team size are
major drivers of the dynamic



Knowing Your Team Can Help Define Your Path To Success

Engagement

Discussions



Active Listening



Observation

Asking Questions



To Be A Part Of The Change You
Need To Be Apart Of The Change

Engineering Tools

Standards

IBR STANDARDS PORTAL
Standards Incorporated by Reference



Facilitation Tools

Google



Internal



Organizations



“Help will always be given [on the internet] to those that ask”

Mentorship

Industry
Expert

University
Programs

Family and
Friends

Look Outside Your
Company When You
Can

Company
Expert



Friends of a
friend of a
friend...

Positive Change

That's How We
Have Always
Done It...

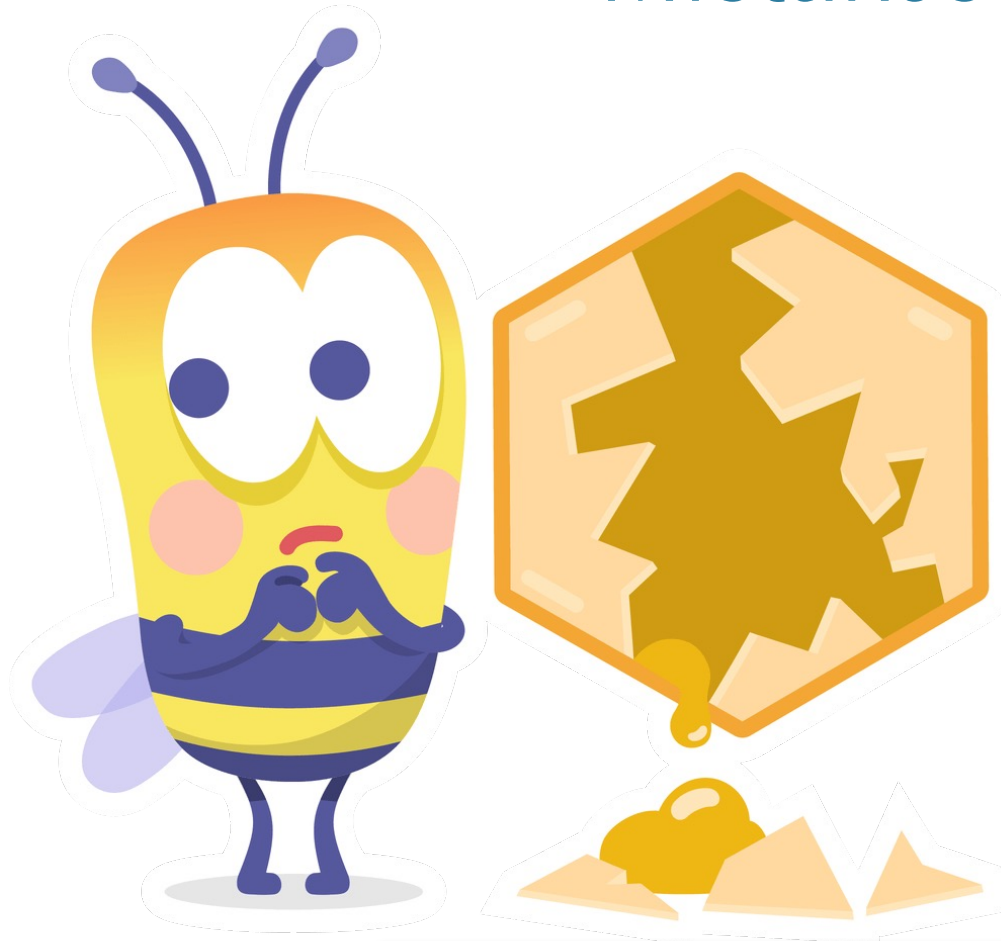
Why Do We Do It This Way?

Could We Do It Better?

How Do Others Do It?

Good Questions Drive
Innovation

Mistakes = Learning



- Learning Is The Key
- Communication
- Dissection Of Results
- Documentation
- Processes And Planning
- Notes
- Contingencies

Learning = Growth

Luck



When It Works It Works



Learn

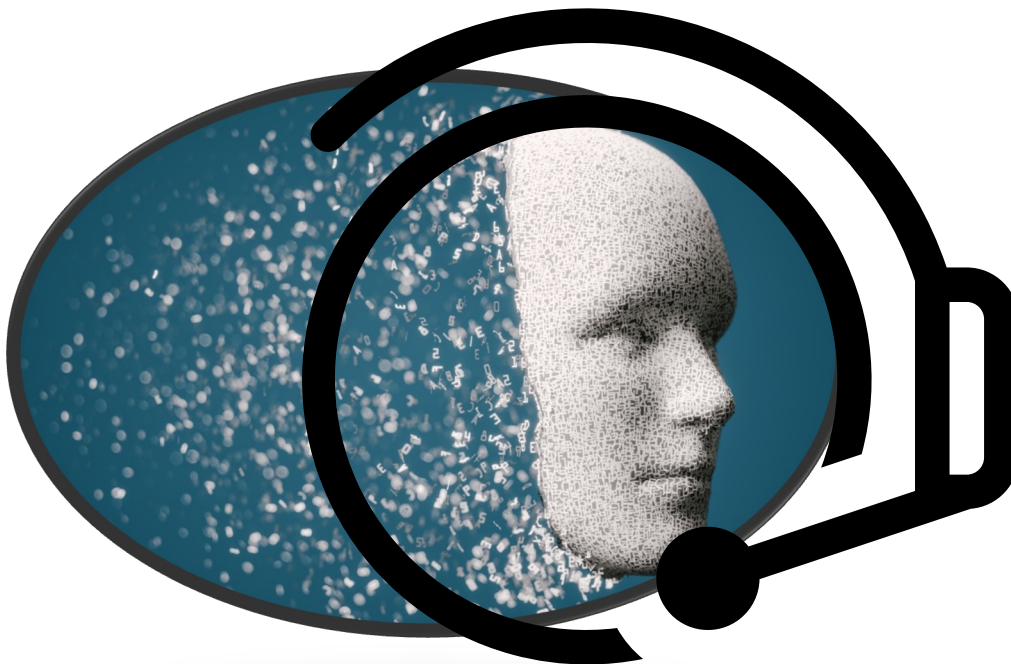


Grow

Luck CAN Be Good...Own It!

AI

How Can I
Assist You
Today?



Elevate your
Learning
Potential

Willingness To Learn

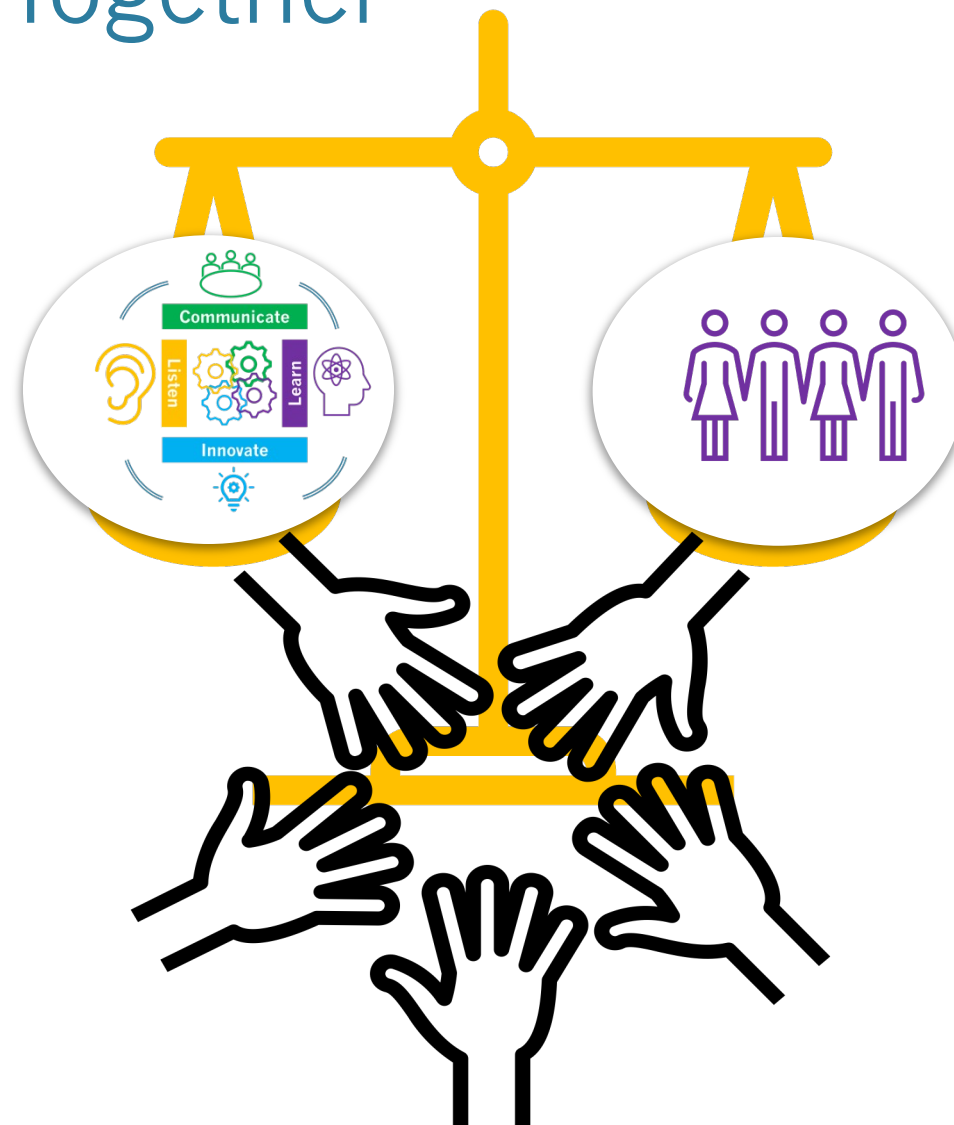
- Trade Magazines
- LinkedIn
- Government Websites And Directories
- Libraries
- Open Courses
- Patents
- Young Professionals' Groups
- Webinars
- Customer Visits
- And Many More...



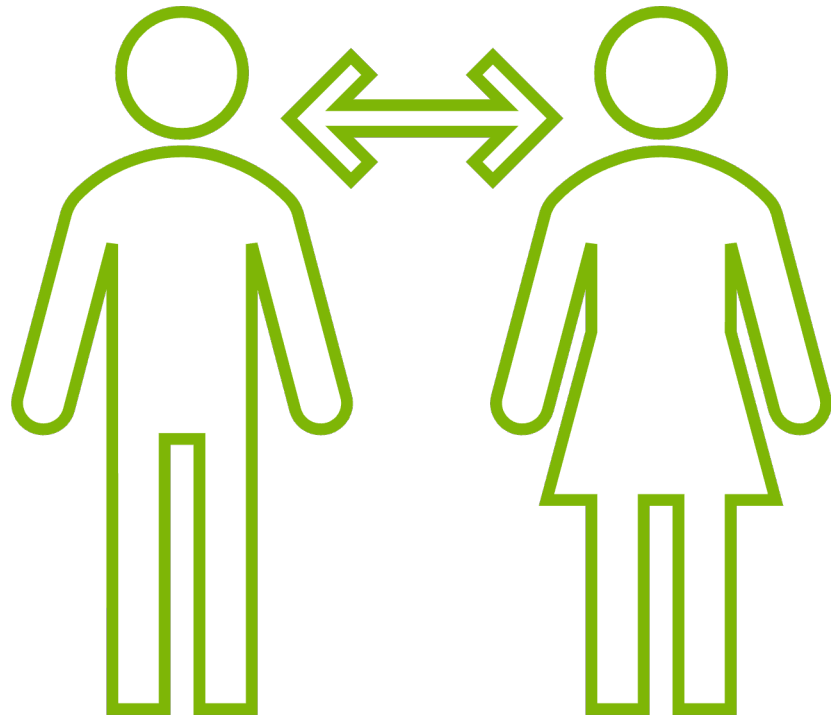
Don't Stop Learning!

Putting it ALL Together

YOU Need To Make It
Work For You And Your
Company



Communication



Water Analytics

- Originated as producer of the differential pH probe for the Canadian market.
- 50-year legacy of designing and manufacturing probes and controllers for tough industrial applications—mainly wastewater.
- Purchased in 2010 by Water Analytics.
- Water Analytics has developed three generations of probes and controllers and is now a technology leader.



Come Say Hi At Booth xxx Or
Tomorrow At The Innovation
Pavilion



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