Overview of Large Scale Scrum (LeSS)

@ Johnson & Johnson Agile CoP



About Gene

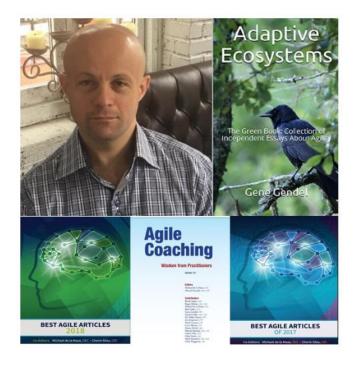
Gene Gendel is an organizational design specialist, agile/lean coach and trainer, consultant and adviser to senior leadership. Almost 15 of 20+ years of his professional experience – Gene dedicated to working with companies of various sizes and lines of business, trying to help them improve internal dynamics, organizational structure and and becoming a better place to work. Gene engages at all organizational levels: senior- and mid-level management, teams and individuals. In his work, Gene uses various methods, tools and techniques to amplify learning by others and to ensure that people gain autonomy after Gene "coaches himself out of the job".

Gene is Certified Agile Coach (CAC), by Scrum Alliance – small elite community of <u>Scrum Alliance Certified Enterprise Coaches (CEC)</u>. Today, he is the only CEC who resides in NY State. Gene is also one of the co-creators of <u>Team Level Coaching Certifications (CTC)</u> program for Scrum Alliance.

Gene is also one of very few <u>Certified LeSS Trainers (CLT)</u> that are based in the United States.

He is also well-recognized blogger and publisher. He is the author of <u>Adaptive Ecosystems</u>: <u>Collection of Independent Essays About Agility</u> and co-author of:

- Agile Coaching: Wisdom from Practitioners (free pdf).
- Best Agile Articles of 2017 and 2018



Gene significantly contributes to global and local agile communities, where he influences people by running workshops, webinars, seminars, panel discussions, lunch & learn, coaching retreats, professional gatherings and other events. While teaching and coaching Large Scale Scrum (LeSS) to organizations, Gene has built the biggest in world (today) LeSS meetup community that is used as a free educational hub about LeSS available to many people.

Assets To Consider

- gg_nyc@yahoo.com (underscore)
- https://less.works/
- https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/

 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/

 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/

 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/

 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/

 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/

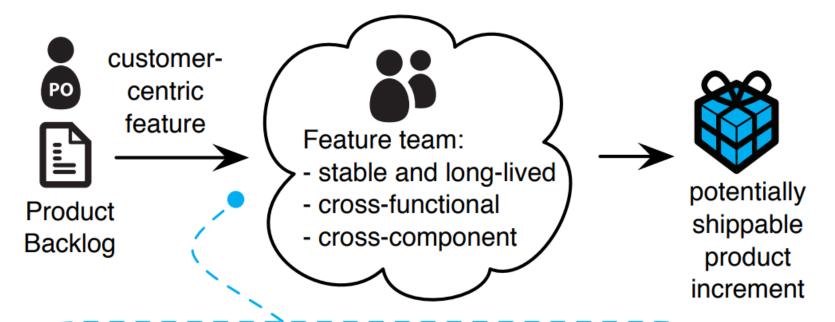
 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/
 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/
 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/
 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/
 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/
 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/
 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/
 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/
 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/
 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/
 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/
 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/
 https://www.meetup.com/Large-Scale-Scrum-LeSS-in-NYC/
 https://www.meetup.com/Large-Scale-Scale-Scrum-LeSS-in-NYC/
 https://www.meetup.com/Large-Scale-Scale-Scrum-LeSS-in-NYC/
 https://www.meetup.com/Large-Scale-Sc
- h_IAPArcR8CyujNi2umlKw (Gene's free Slack channel ask questions about LeSS)
- 6/10-12 (12:00 EST) Certified LeSS Basics



Soft Agenda

- ➤ High –level overview of Large Scale Scrum (LeSS) as an organizational design framework:
- ➢ Big picture: Principles → Rules → Guides → Experiments
 - ➤ Three Adoption Principles:
 - > Deep and narrow over broad and shallow
 - > Top-down and bottom-up
 - > Use volunteering
- Organizational design implications (HR, Budgeting/Finance, vendor management and site strategies)
- ➤ Key differences between LeSS and other commercially known scaling approaches (SAFe, Spotify, S@S, Nexus)
- > Most classically known pitfalls with scaling

Good-Old Scrum

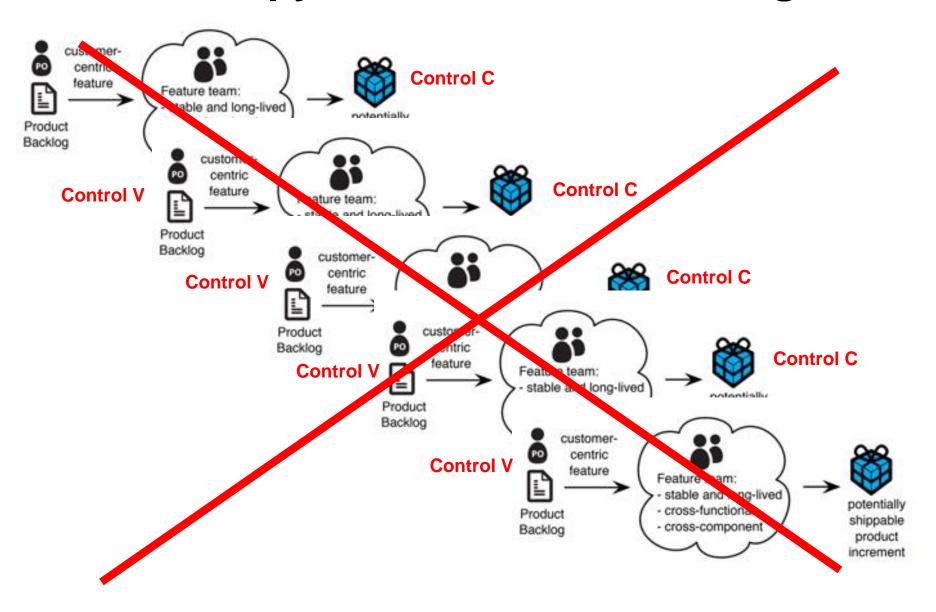


Team has the necessary knowledge and skills to complete an end-to-end customer-centric feature. If not, the team is expected to learn or acquire the needed knowledge and skill.

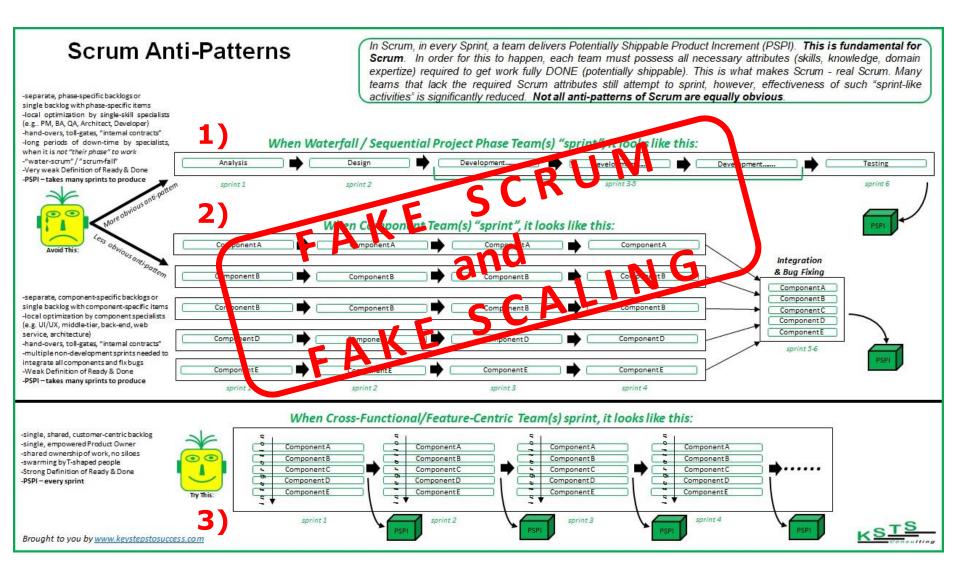
www.craiglarman.com www.odd-e.com

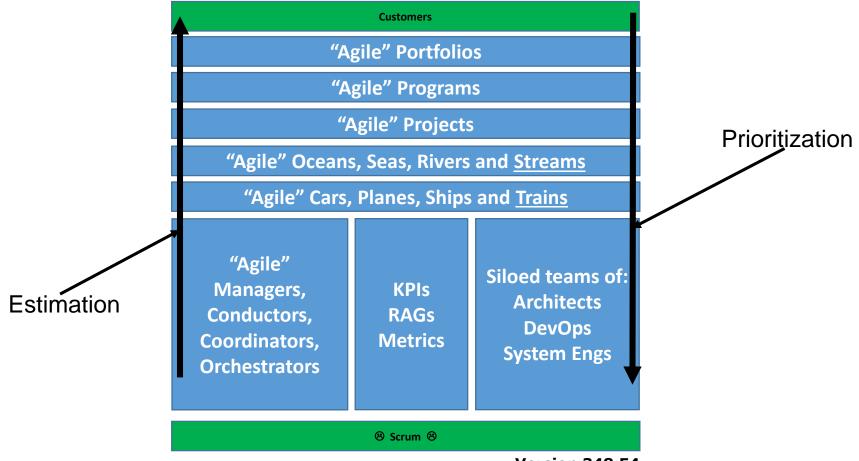
Copyright © 2010 C.Larman & B. Vodde All rights reserved.

Copy & Paste Is NOT Scaling



Burying Agility Under Layers of Waste





Version 348.54

- Where is customer centricity?
- Where is a feedback loop between customers and developers?
- Where is real organizational agility/adaptiveness?
- What has changed from what you saw prior to "installation"?

Birth Certificate

This Certifies That

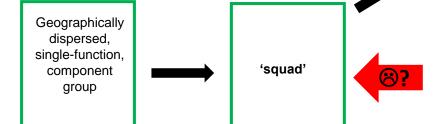
(Father)
(Length)
(State)
(Signed)
@&e Version)

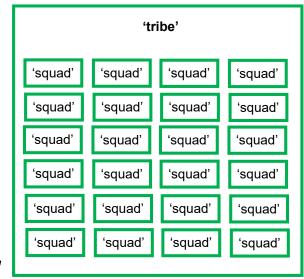
Taking an exist then calling it original structindividual performs is a masqueration of the structing individual performs a masqueration of the structure of th

Taking an existing organizational vertical, flipping it on its side, and then calling it a 'chapter', while preserving all elements of the original structure (reporting lines, management relationships, individual performance by 'chapter leads', mandatory participation) - is a **masquerade**

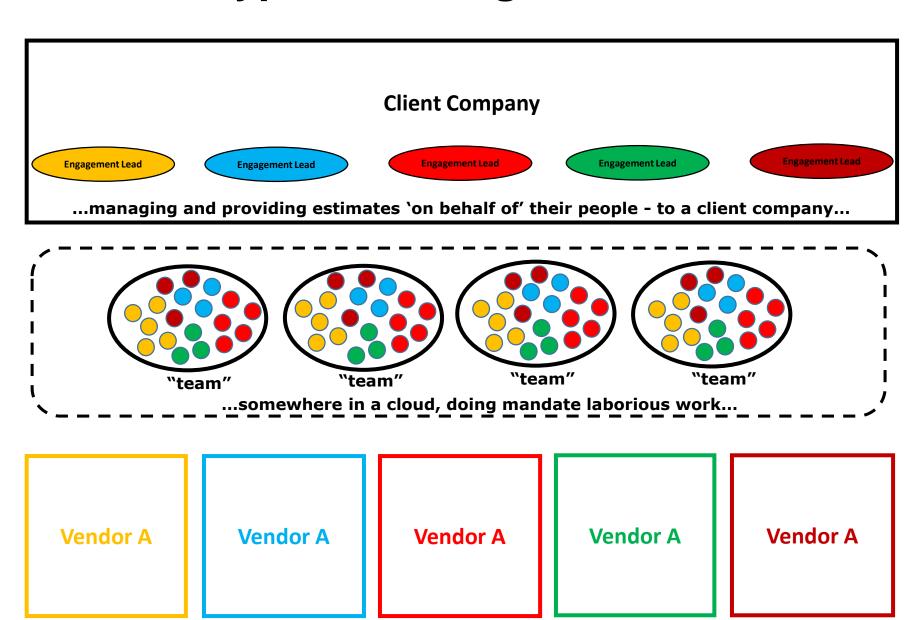
Re-labeling

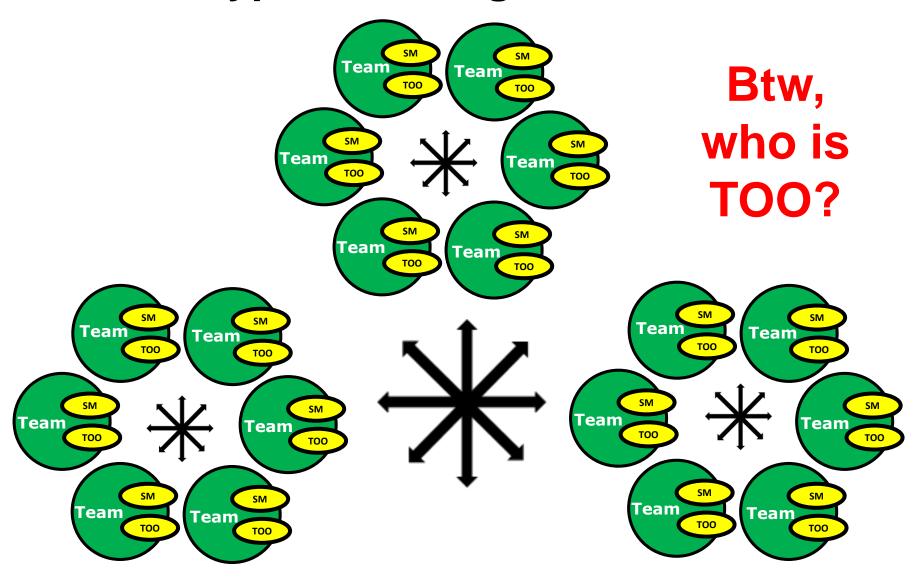
Relabeling large, geographically dispersed, single–function specialist/component group, managed by engagement managers and technical leads (with groups, frequently coming from external vendors, bound by fixed-everything SOWs) into a 'squad'- is a **masquerade**





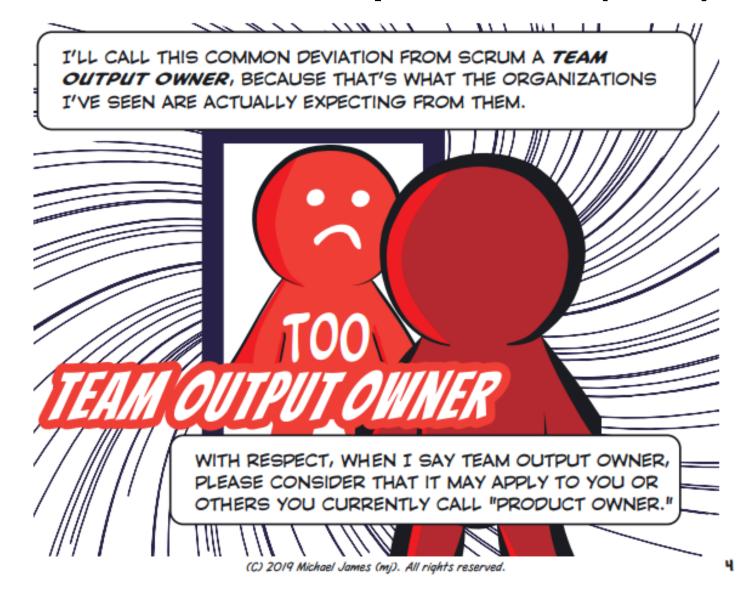
Taking an existing *portfolio* of *programs* and *projects* (usually, they weakly support customer-centric products) that are worked upon by used-to-be component groups, and now, so called 'squads', while relabeling a portfolio into a 'tribe' - is a **masquerade**





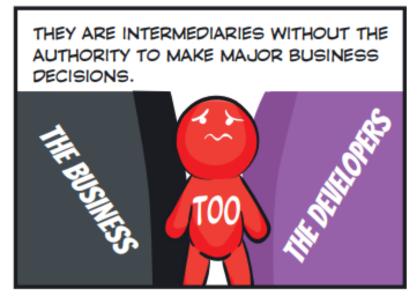
Each team: private backlog, dedicated TOO, SM - estimating in a silo

Who is Team Output Owner (TOO)?

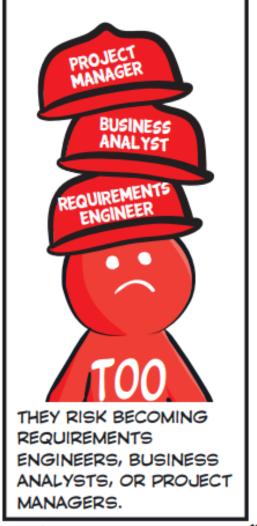


https://seattlescrum.com/downloads/Why-Scrum-Isnt-Making-Your-Company-Very-Agile-v2.pdf

Who is Team Output Owner (TOO)?







(C) 2019 Michael James (mj). All rights reserved.

18

Who is Team Output Owner (TOO)?





Why "Scrum" Isn't Making Your Organization Agile: Harmful Misconceptions About Product Owner Role

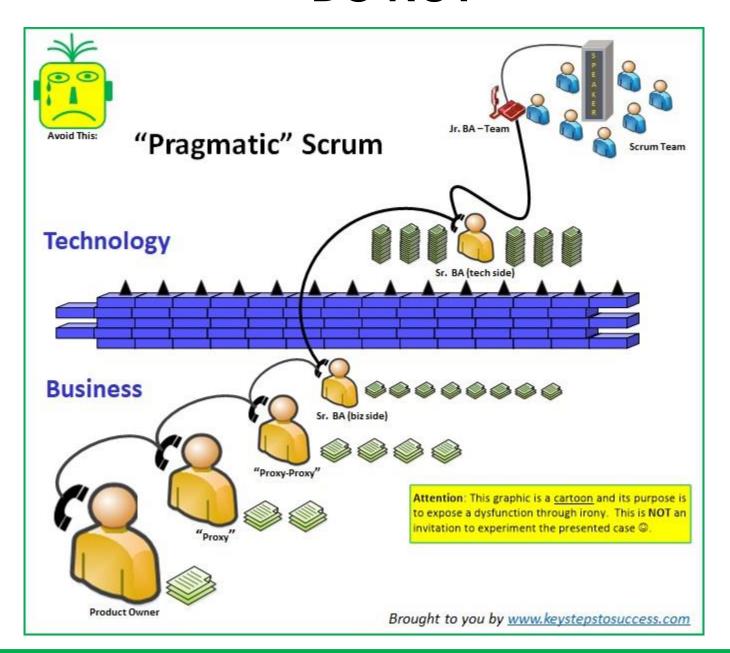


MJ (MICHAEL JAMES)

has written many things, including the Scrum Master Checklist at http://ScrumMasterChecklist.org
Email him at mj@seattlescrum.com or tweet him at @michaeldotjames

https://www.youtube.com/watch?v=cr2rjaGmUzo

DO NOT

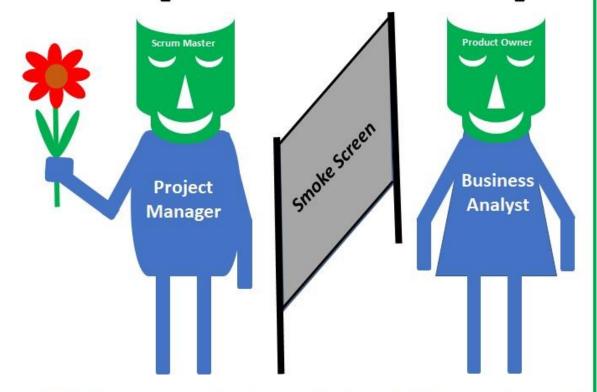


DO NOT

Scrum Blind Date [with Mask Show]



...while **Team** wishes to have a real **Scrum Master** (servant-leader, promoter and supporter of Scrum process), <u>AND</u> a real **Product Owner** (empowered person, responsible for management and prioritization of Product/Backlog)....



This is What Team Gets ...organization assigns any historically abundant, but frequently unsuitable candidates to fulfill these two important Scrum roles, and by doing so, adds challenges, dysfunctions and inefficiencies to the Scrum process... Such classic organizational mistakes, as internal contractual relationships, bureaucracy, overhead and local optimization, find their way into Scrum and adversely impact its dynamics...

Brought to you by www.keystepstosuccess.com



LeSS – The Big Picture & History



Important

Organizational <u>STRUCTURE</u> –

is the 1st Order Factor (Variable) that has impact on everything else inside ECOSYSTEM.

Everything else just follows: culture, mindset, behaviors, norms, values, processes, policies

e.g. metrics, velocities, OKRs, KPIs, RAGs, maturity levels – much less relevant

This is what some less experienced agile coaches do not stress, when they coach senior management \otimes

DO NOT (1-4)

Larman's Laws of Organizational Behavior

(Russian translation here)

After decades of observation and organizational consulting, here are *Larman's Laws of Organizational Behavior*. These are observations rather than laws to follow;)

- 1. Organizations are implicitly optimized to avoid changing the status quo middle- and first-level manager and "specialist" positions & power structures.
- 2. As a corollary to (1), any change initiative will be reduced to redefining or overloading the new terminology to mean basically the same as status quo.
- 3. As a corollary to (1), any change initiative will be derided as "purist", "theoretical", "revolutionary", "religion", and "needing pragmatic customization for local concerns" which deflects from addressing weaknesses and manager/specialist status quo.
- 4. As a corollary to (1), if after *changing the change* some managers and single-specialists are still displaced, they become "coaches/trainers" for the change, frequently reinforcing (2) and (3).

Culture follows structure.

Or, *Culture/behavior/mindset follows system & organizational design*. i.e., If you want to really change culture, you have to start with changing structure, because culture does not really change otherwise. By the way, this is an observation in large-scale; in small start ups, it's the reverse: structure follows culture (org design follows mindset).

And "culture follows structure" (in large scale) is why deep systems of thought such as *organizational learning* are not very sticky or impactful by themselves in large scale, and why systems such as Scrum (that have a strong focus on structural change at the start) tend to more quickly impact culture — if the structural change implications of Scrum are actually realized.

I discovered that the well-known systems-thinker/advocate John Seddon also observed this: "Attempting to change an organization's culture is a folly, it always fails. Peoples' behavior (the culture) is a product of the system; when you change the system peoples' behavior changes."

UNDERSTAND

It is vital to appreciate that organizational agility <u>cannot</u> be achieved by a development team in isolation — it is a system <u>challenge</u> for organizational redesign. Especially when you are interested in LeSS within an R&D department of thousands, where each product group may have 200 or 700 people distributed in two or five sites around the world. If an engineering team has the technical capacity to adapt or change quickly, but requirements management, legal practices, product management, HR policies, site strategies, and deployment processes all emphasize rigidity, conformance to original plans, conformance to the status quo, and slow practices, then how can there be real agility?

Source: https://www.scrumalliance.org/community/spotlight/craig-larman/june-2015/less-agile-or-less-agile

http://www.keystepstosuccess.com/2017/08/agile-organization-as-a-sushi-roll/

DO

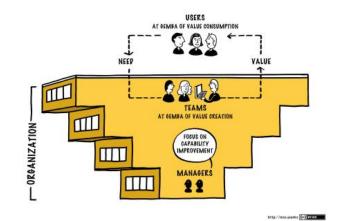


UNDERSTAND

Three (3) Adoption Principles of LeSS

Deep and narrow over broad and shallow

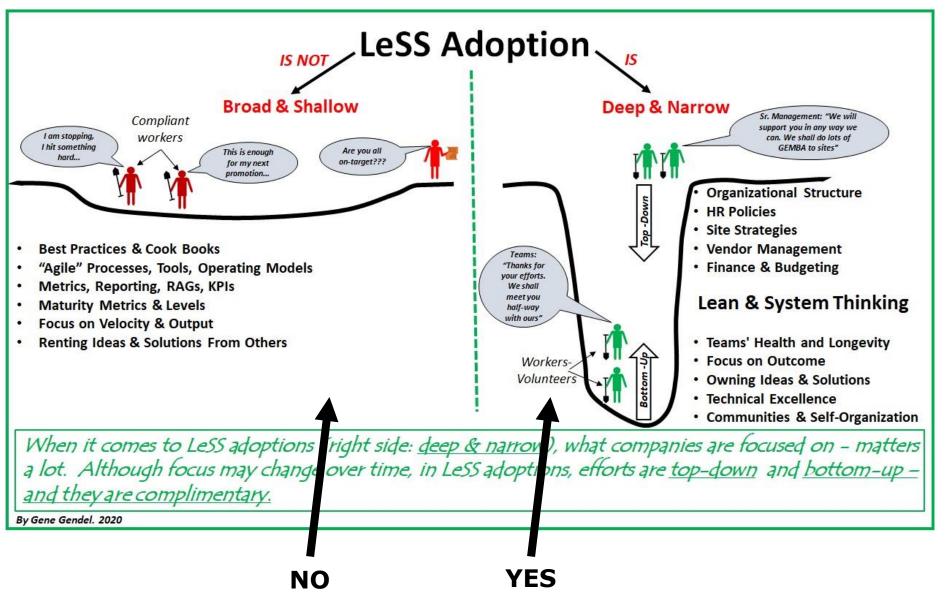
Top-down and bottom-up



Use volunteering



Three (3) Adoption Principles of LeSS



LeSS Is Scrum with 2-8 Teams

LeSS is not: Many teams doing their own Scrum

LeSS is: 2-8 teams scrumming together (on same Product)

<u>Different people</u> with strategy, and vision, setting a different course



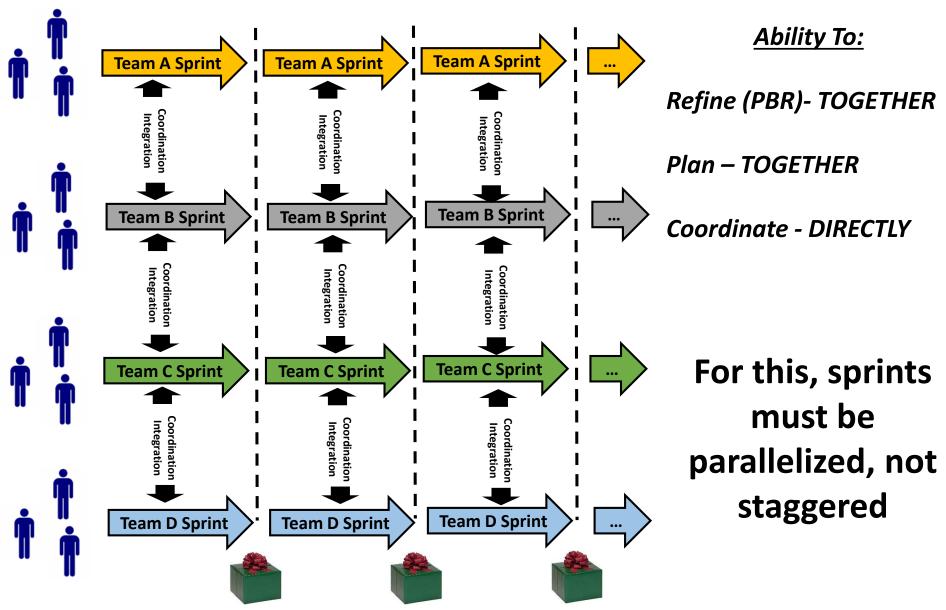
<u>Same person</u> with strategy, and vision, setting a unified course



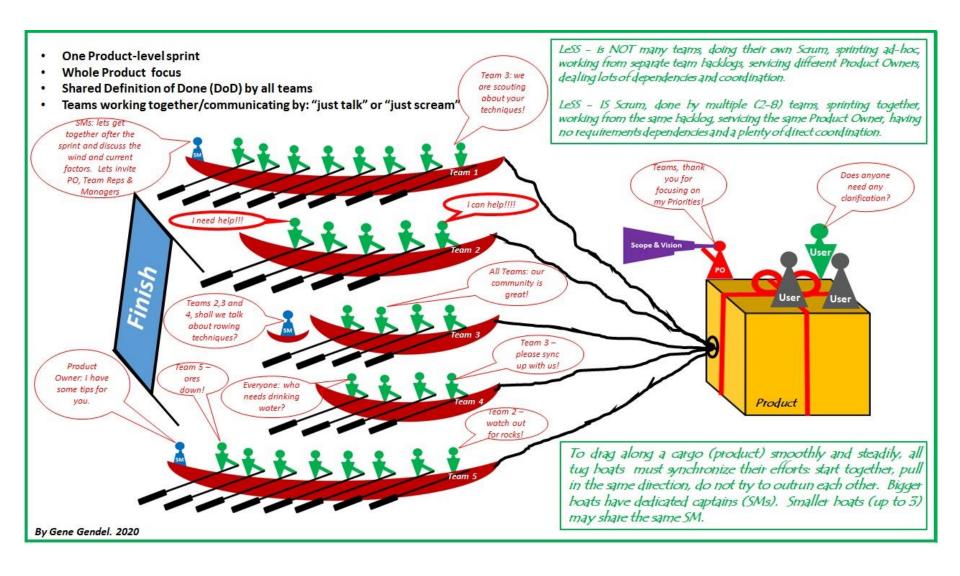
NO

YES

One LeSS Sprint: 2 – 8 Teams

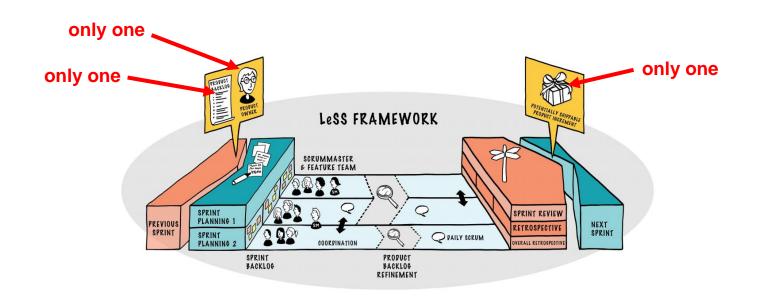


One LeSS Sprint: 2 – 8 Teams

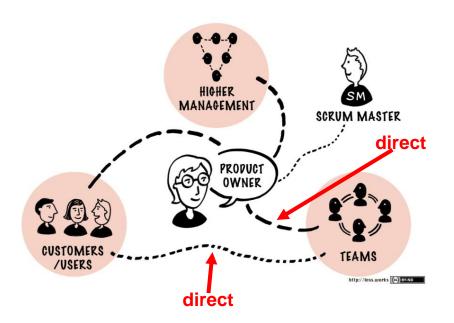


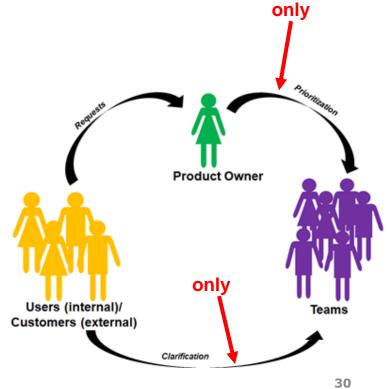
Size of LeSS Adoption

- Less adoptions require months of preparation and then a 'FLIP'.
- Less is no more than 70+/- a few, people: don't try to bite more than you can swallow
- 2-8 Teams
- One Product. One Product Owner. One Backlog
- NB: (LeSS HUGE adoptions are incremental and take years)



Product Owner in LeSS





Scrum Master in LeSS



Bad SQL (in HR Database)

It is amazing if your company, creates the following important titles (marked in red) in its HR database, to support agile roles and careers. However, it is a sign of a deep systemic dysfunction and 'agile masquerade', if the following SQL queries are ran, as a batch job, overnight... Θ .

UPDATE table_employee

SET table_employee.title = 'Senior Agile Coach'

WHERE table_employee.title = 'Senior Project Manager'

UPDATE table_employee

SET table_employee.title = 'Scrum Master'

WHERE table_employee.title = 'Junior Project Manager'

UPDATE table_employee

SET table_employee.title = 'Product Owner'

WHERE table employee.title = 'Business Analyst'

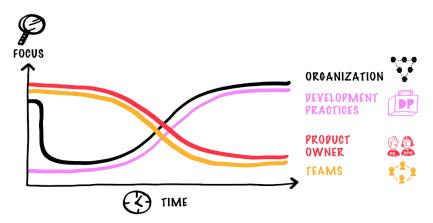
Brought to you by www.keystepstosuccess.com





Dedicated full-time role

In LeSS, the ScrumMaster role is vital. We've seen many organizations try part-time ScrumMasters, which usually leads to no ScrumMasters at all. This then affects the LeSS adoption enormously. In LeSS the ScrumMaster is a dedicated, full-time role in the same way that being a Scrum Team member is a dedicated, full-time role. Having said that, it is possible for one full-time ScrumMaster fill the role for up to three teams, depending on any number of factors.



http://less.works (cc) BY-ND

Scrum Master in LeSS

Misunderstood

The ScrumMaster role is a new one and often not understood by teams and organizations who are adopting Scrum. A frequent response is to make the "leftover people" the ScrumMasters. They might be nice people but often lack the right skills, motivation, and Scrum knowledge to be effective ScrumMasters. They morph the role into something else which then becomes accepted within the organization as the way a ScrumMaster should be. After all, the ScrumMaster should know if they're doing things correctly, right? Sometimes well-meaning ScrumMasters who are new to Scrum or not a good fit for the ScrumMaster role cause things to happen that are actually counter to Scrum and detrimental to Scrum adoption, thereby transforming them into anti-ScrumMasters.

Is there **Career Path** for F/T Scrum Master?

Dedicated full-time role

In LeSS, the ScrumMaster role is vital. We've seen many organizations try part-time ScrumMasters, which usually leads to no ScrumMasters at all. This then affects the LeSS adoption enormously. In LeSS the ScrumMaster is a dedicated, full-time role in the same way that being a Scrum Team member is a dedicated, full-time role. Having said that, it is possible for one full-time ScrumMaster fill the role for up to three teams, depending on any number of factors.

Sourced from less, works

Team In LeSS

Types of teams

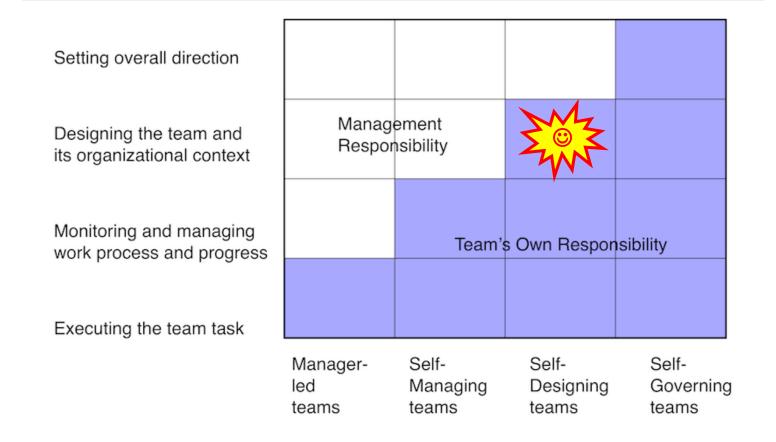
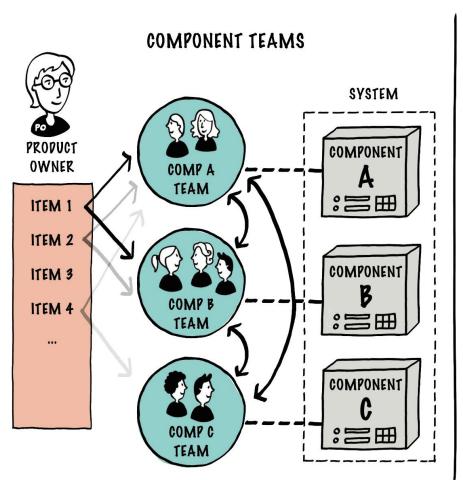


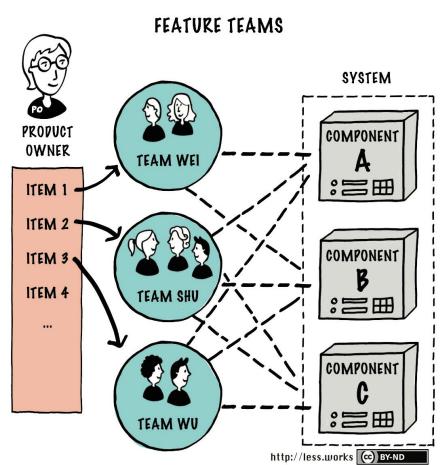
Figure 1. Types of Teams.

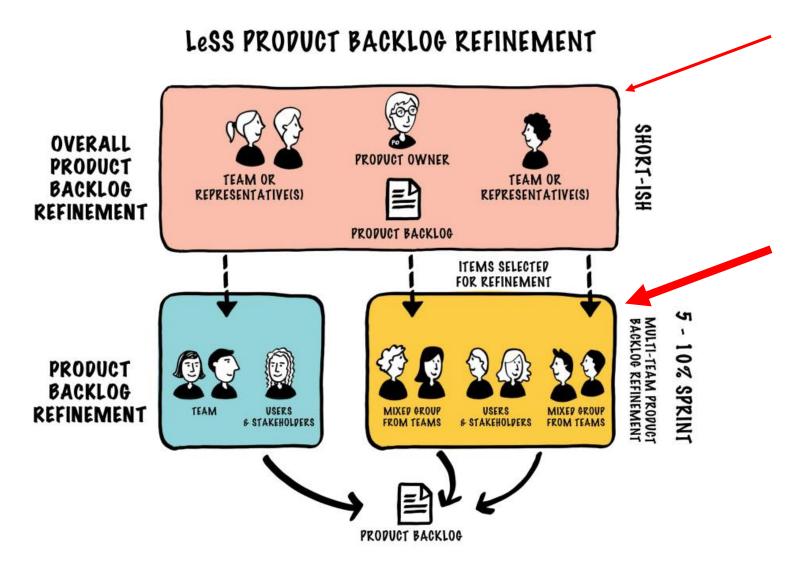
Source: https://less.works/resources/graphics/index.html

Team In LeSS









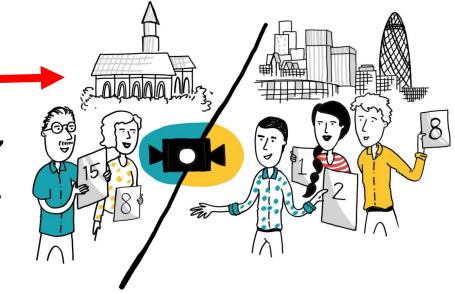
Multi-team Product Backlog Refinement



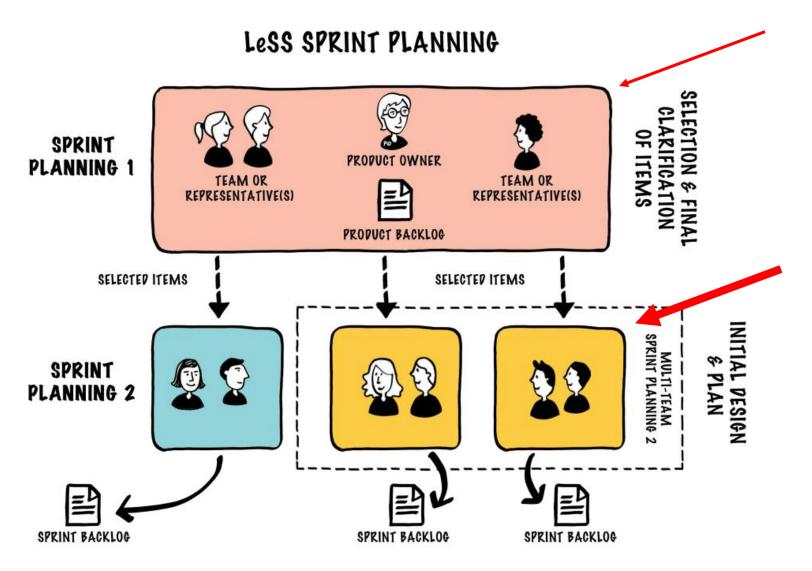
- Open space (physical or virtual)
- "Promiscuous" collaboration
- Directly, with users and customers

Multi-site estimation with Planning Poker

- By "doers" (team members)
- Everyone is involved
- The main goal: CCC (Card, Conversation, Confirmation)
- No need to be too conservative (pad) or aggressive, while estimating

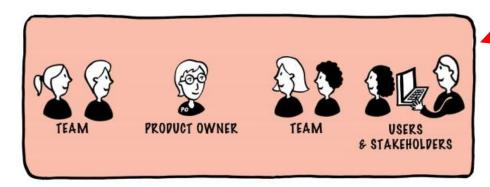


36



Less sprint review & retrospective



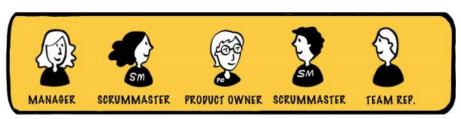


TEAM RETROSPECTIVE

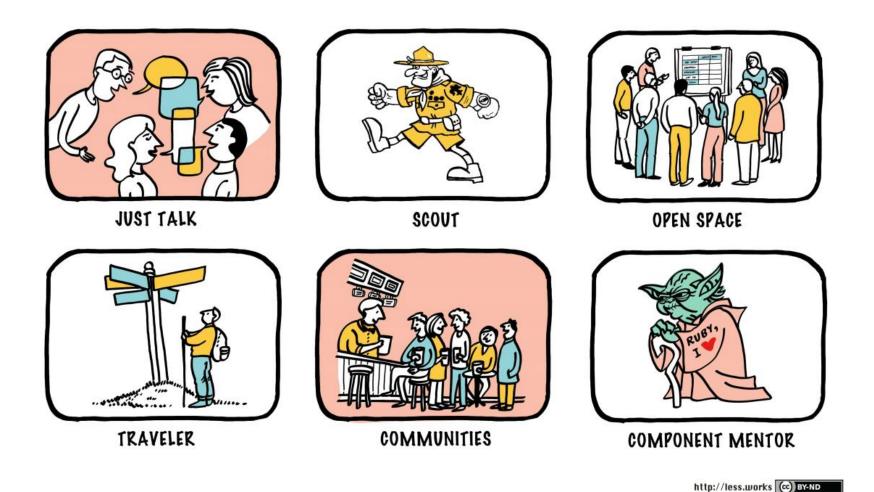




OVERALL RETROSPECTIVE

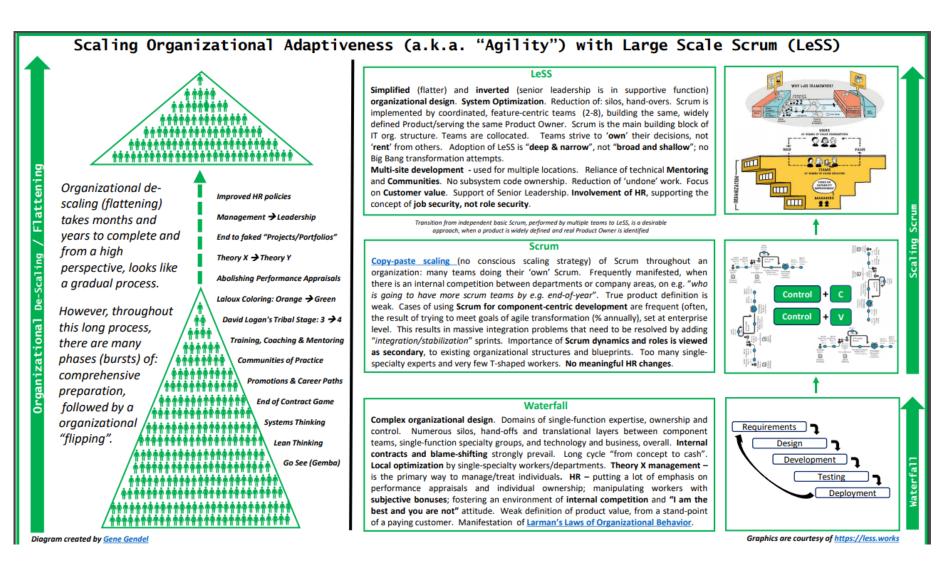


http://less.works (cc) BY-ND



APPENDIX

Less is More



Source: http://www.keystepstosuccess.com/wp-content/uploads/2018/02/scrum scaling org descaling-1.pdf

Relationships in LeSS

