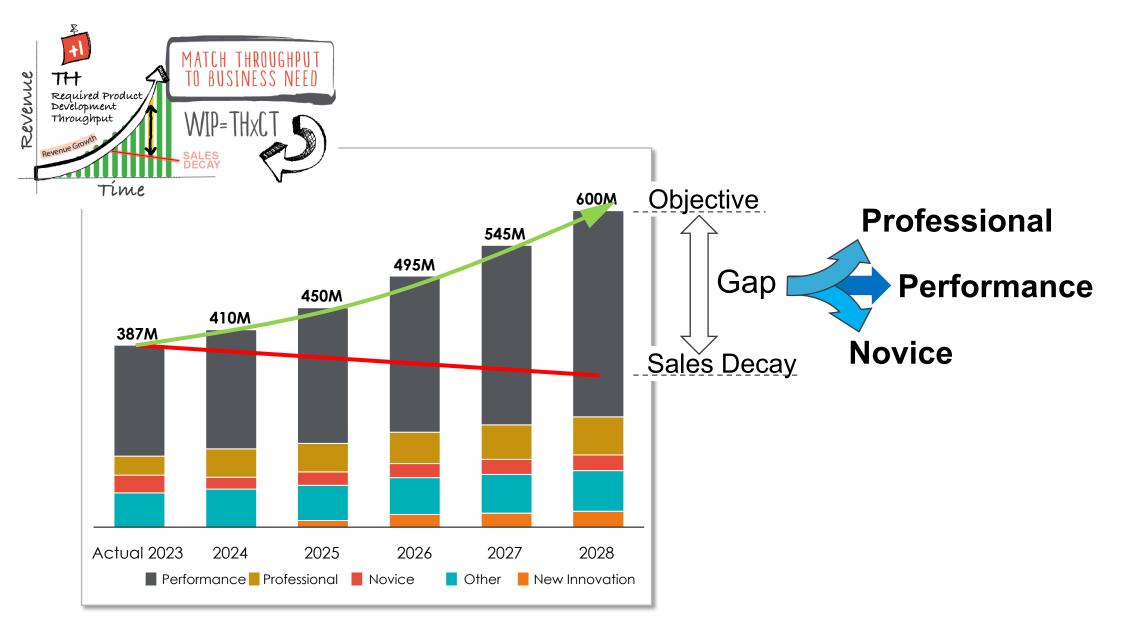


Transforming Innovation for Enterprise Excellence

Dantar P. Oosterwal Sr. VP & Partner, ARGO-EFESO

Innovating to Drive Revenue Growth

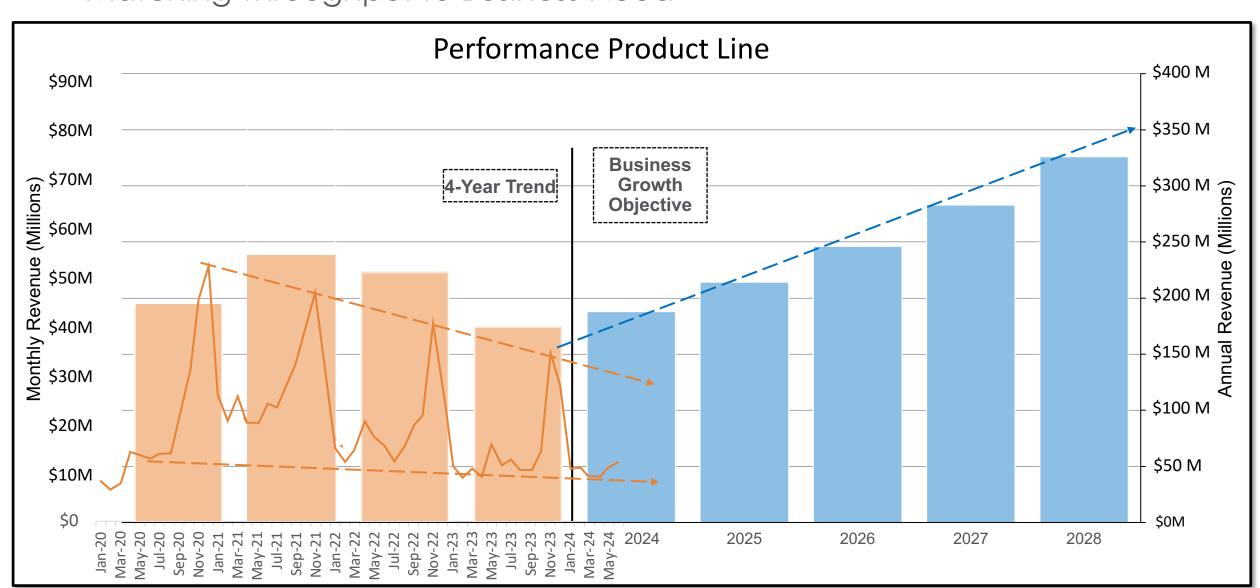
Matching Throughput to Business Need

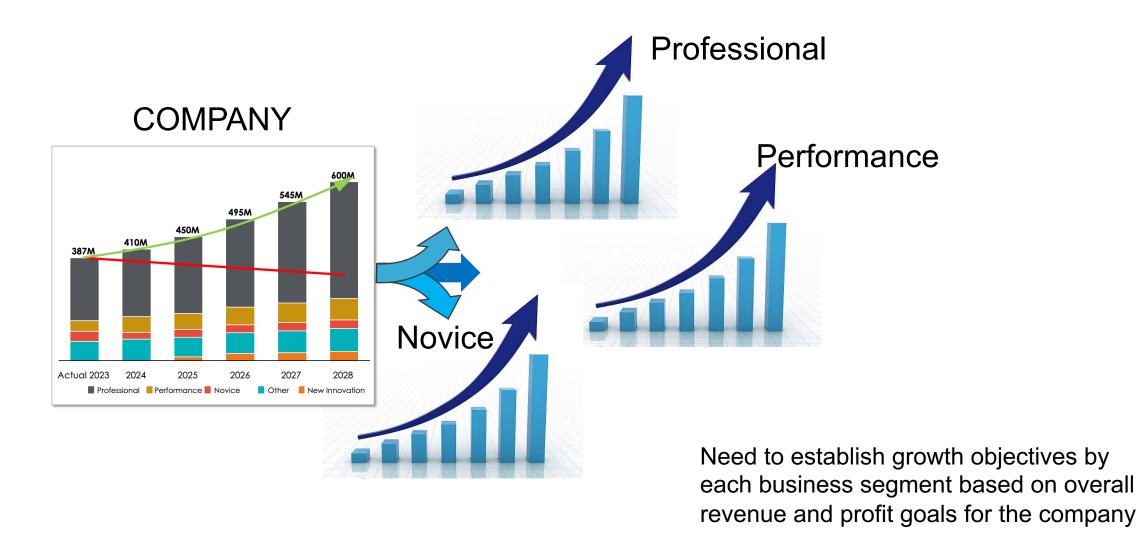


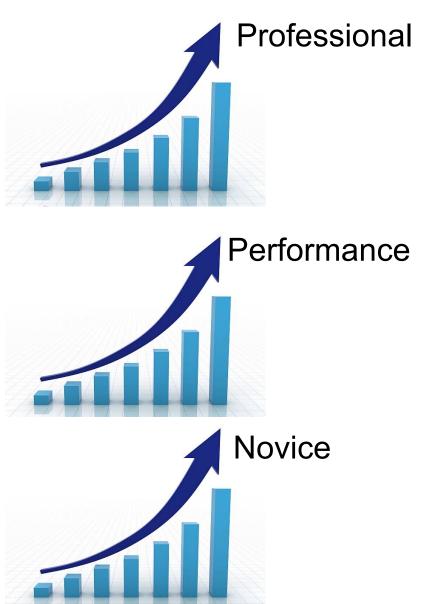
CONNECTION TO THE BUSINESS



Matching Throughput to Business Need







Once we understand the revenue needs, we can identify the number and type of projects (products) needed to deliver the objectives.

BINs identify standard project types based on Scope, Schedule, & Resources. Each bin type should deliver a specific revenue range.

Based on the revenue needs, the BINs can be mixed and matched to optimize the portfolio based on the revenue objective, the resources, the strategy, & cadance.

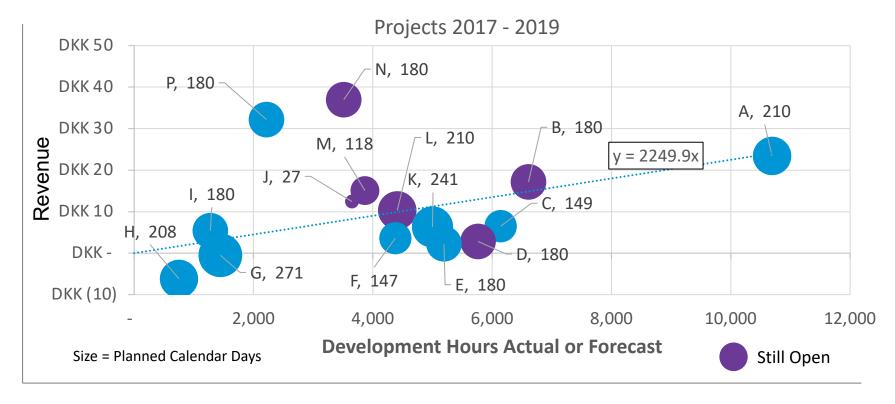
LINK TO THE BUSINESS – BINS



This customer from Denmark illustrates the grouping of historical projects, and the relative revenue generation associated with each grouping to identify and establish BINs.

The data indicates that on average every development hour produces DKK 2,250 of revenue

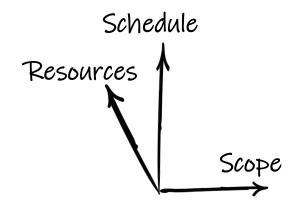
Based on the development hours data, the natural project groupings are roughly 1,000, 5,000, and 10,000 hours



A Small BIN project should take 1,000 development hours and deliver DKK 2.25 M in annual revenue A Medium BIN project should take 5,000 development hours and deliver DKK 11.25M in annual revenue A Large BIN project should take 10,000 development hours and deliver DKK 22.5M in annual revenue

PRODUCT PLANNING: LINK TO THE BUSINESS





There are 3 elements to a project which delivers Lift (revenue):

- Scope (How much change)
- Schedule (The calendar time or Time-to-Market)
- Resources (Development hours is a good metric but could be converted to \$)

So far we have identified the Lift (Revenue contribution) and the Resources (hours for a standard project). To determine the scope and schedule, we also look from a historical basis – how much time (calendar time) did it take to deliver projects of specific scope in the past. This becomes our basis for planning and our starting point for improvement. When actual data is not available, we take the best estimate based on the people involved in previous projects.

To continue the previous example, lets assume that the small projects take 12 months, a medium project takes 18 months and a large project takes 24 months. Note that the times are multiples of 6 months to allow shifting resources and adjusting in the planning process we'll review later. This should also align with the industry *cadence*. For example, this cadence could be a spring and fall sell-in or from the previous example I showed, it had a large Christmas selling component to it. These become the standard **BINs**.

PRODUCT PLANNING: LINK TO THE BUSINESS



EXAMPLE: To illustrate the principles

Small BIN

Revenue: DKK 2.25M

Scope: Product Extension or Product Variant

Schedule: 12 months

Resources: 1,000 Development hours Burn Rate: 84 hours / month or ½ FTE

Medium BIN

Revenue: DKK 11.25M

Scope: New Product or Platform Refresh

Schedule: 18 months

Resources: 5,000 Development hours

Burn Rate: 278 hours / month or 1.75 FTE

Large BIN

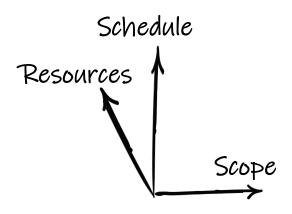
Revenue: DKK 22.5M

Scope: Breakthrough product or New Platform

Schedule: 24 months

Resources: 10,000 Development hours

Burn Rate: 417 hours / month or 2.75 FTE



This example would require a steady state of 5 developers to deliver.

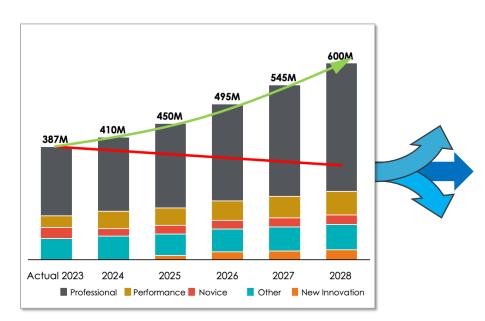
They would deliver:

- 1 product extension every 12 months
- 1 New Product every 18 months
- 1 Breakthrough every 24 months

PRODUCT PLANNING: LINK TO THE BUSINESS



How do we determine the portfolio?



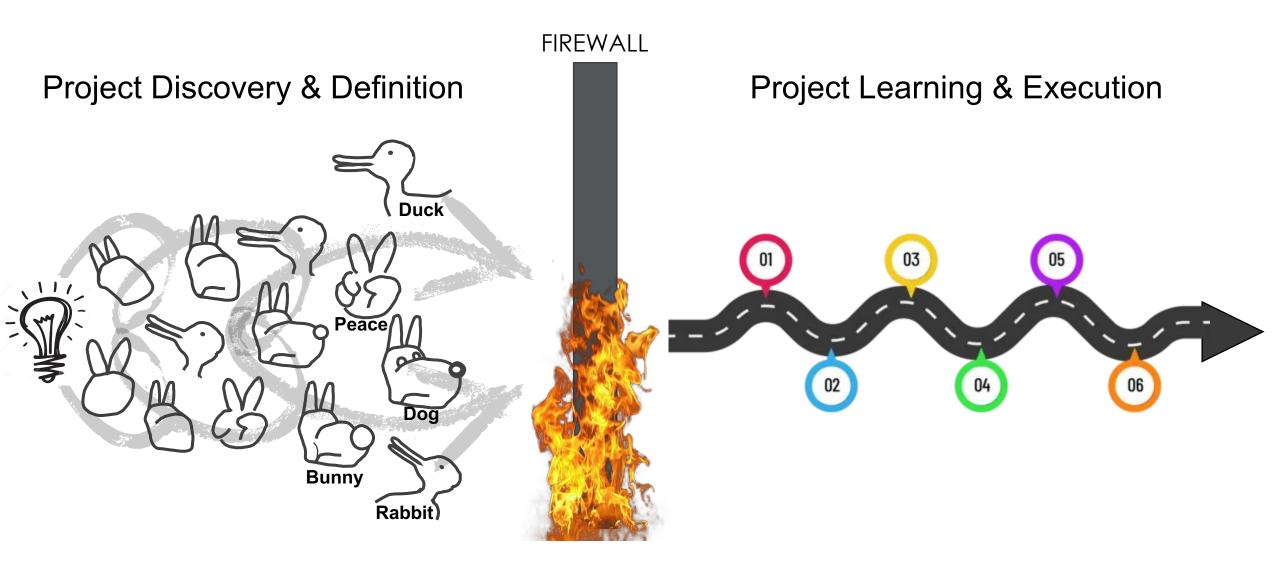
By now, each of the business segments should have identified roughly the gap they have for achieving their share of the Company revenue goal in terms of revenue and BINs

Each business segment should have a strategic plan for where the business is going. They should have a wish list for the product extensions, the new products, and the breakthroughs each business segment wants to deliver the revenue and grow their segment according to their cadence.

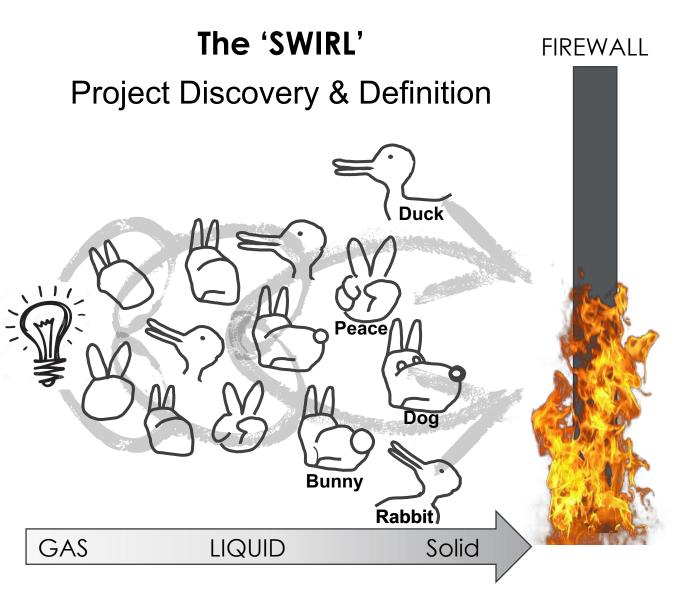
All projects are delivered through shared resources

The development portfolio is negotiated across the business segments through product planning and controlled via a 'Firewall' which separates the ambiguous, creative front end from the deliberate, structured execution.

FIREWALL SEPARATES THE AMBIGUOUS CREATIVITY FROM DELIVERY



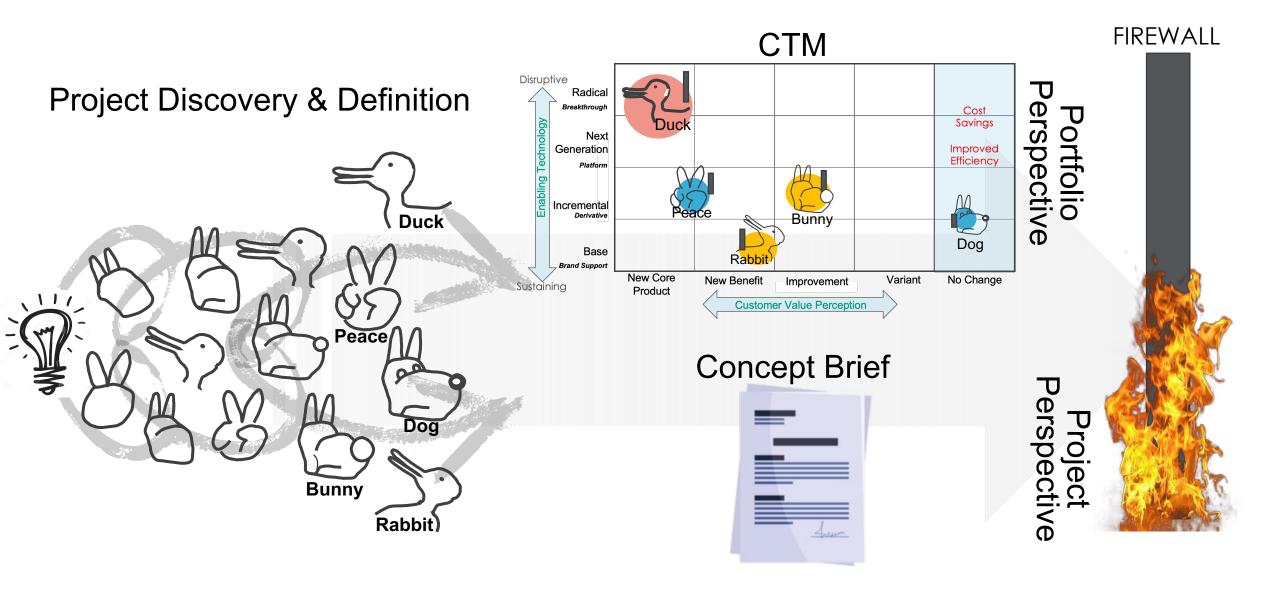
PRE-FIREWALL SWIRL



In the Swirl . . .

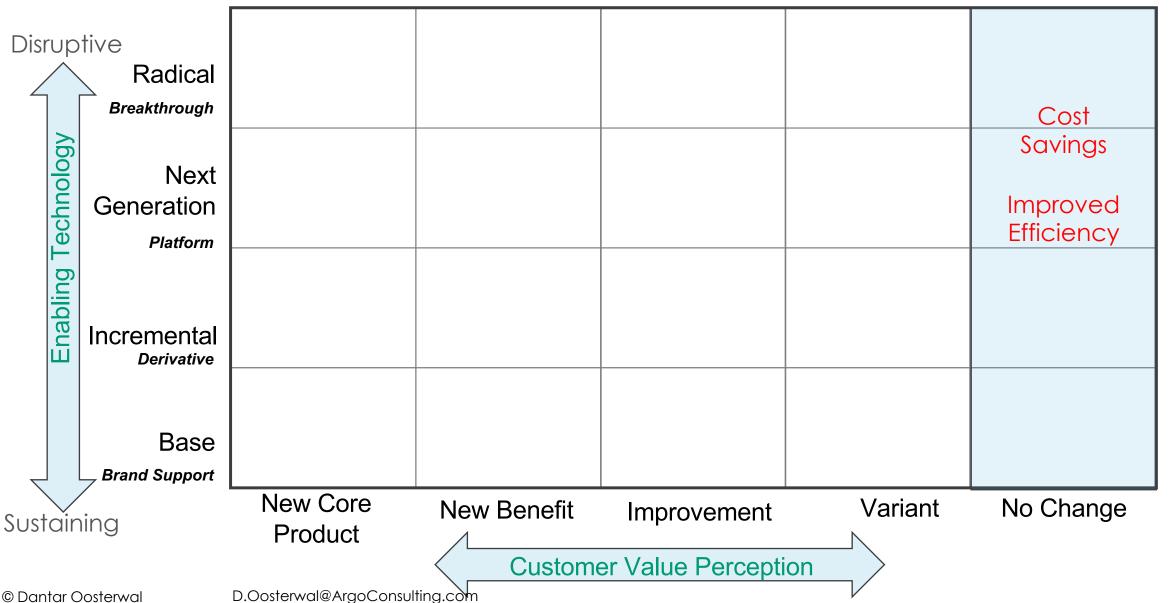
- Learning about the idea
- Coalition building
- Assessment against financial cost and effort
- Assessment of "the common good" of the company versus the good of just one fraction (Segment)
- Assessment against other ideas in the swirl – proposals are always considered in context of the whole
- Identification of a high-level champion emerges
- Affection for the idea grows ... or not We don't need to 'kill' ideas, we focus on promoting better ideas. Good ideas eventual morph into something useful

PASSING THE FIREWALL UTILIZES TWO SUPPORTING DOCUMENTS



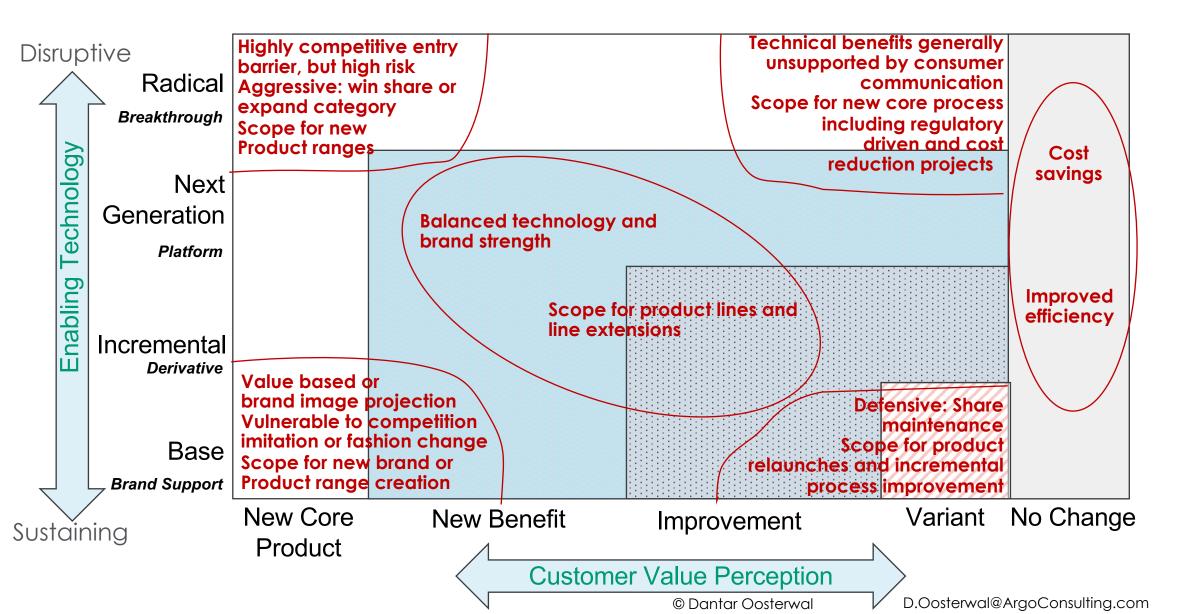
Consumer / Technology Matrix (CTM)





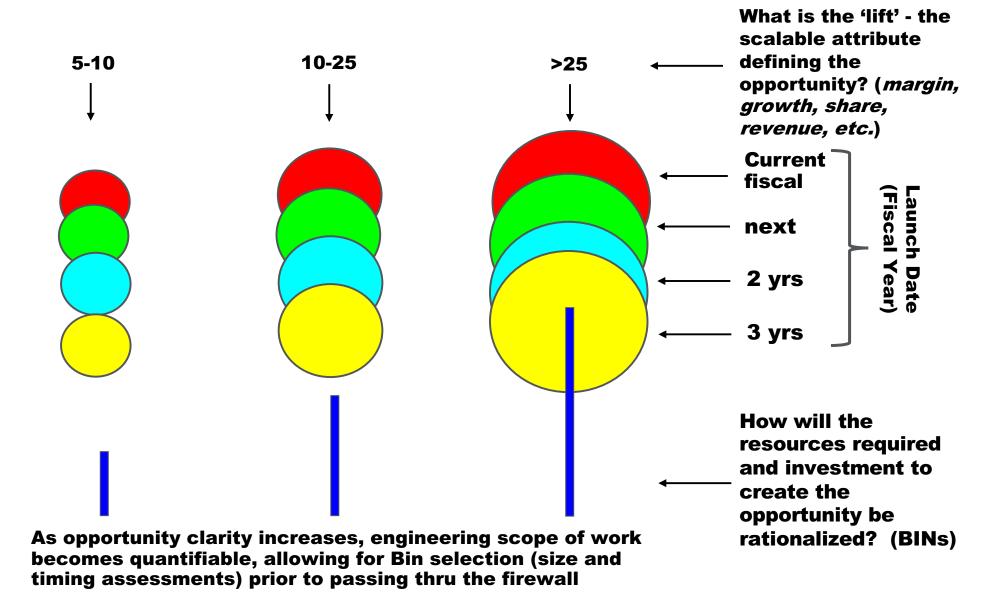
Consumer / Technology Matrix (CTM)





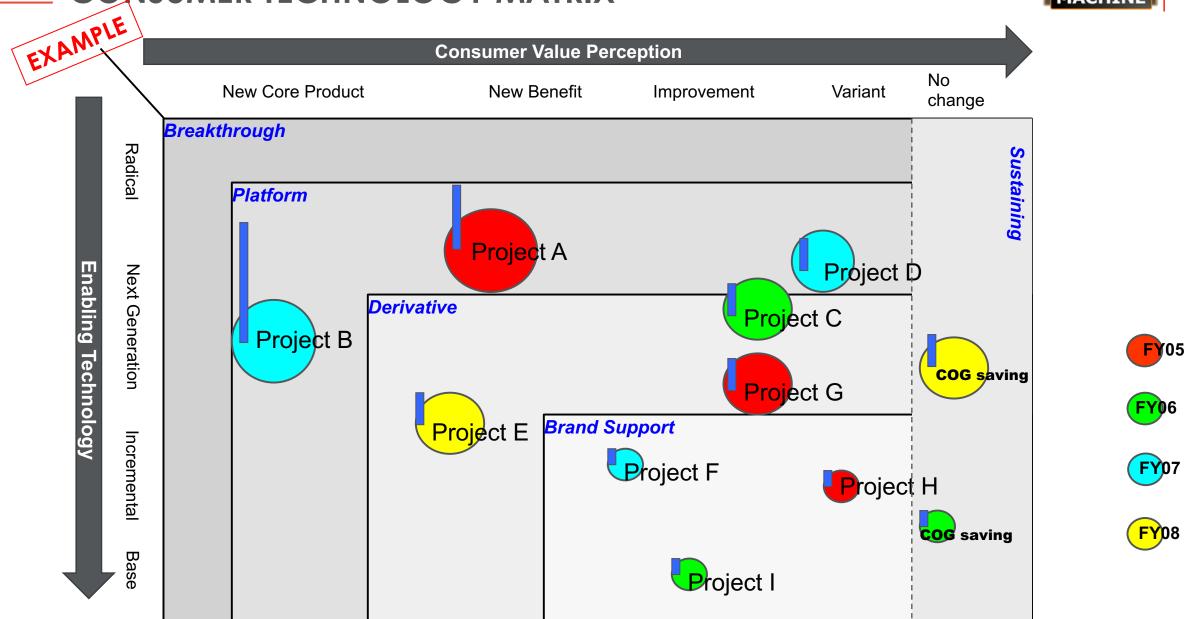
LEGEND CTM-STANDARD FRAMEWORK





CONSUMER TECHNOLOGY MATRIX -





The current plan with all the leadership input is unbounded – it does not take into account the development capacity and does not indicate the resource loading for each of the projects proposed.

This is where the BINs come into play as each BIN designates the standard Lift, Resources, Scope, and Schedule for each project. The role of the Product Planning Committee (PPC) is to negotiate across the various options to optimize the full company portfolio. It should be expected that projects compete with each other both within a segment as well as across segments for the optimal mix to create the portfolio. The first product plan is the most difficult to create, each update builds on the initial and is easier to do.

The role of the Product Planning Committee is to negotiate across the various options to optimize the full company portfolio and approve the projects through the firewall to execution.

The Firewall ensures only projects agreed by the PPC are worked on.

The PPC Firewall review and approvals should be done at a portfolio level, not individual project level. The cadence for the approvals should coincide with the launch cadence dictated by the industry backed up by the standard timing of the bins

CONSUMER TECHNOLOGY MATRIX (CTM)



Essential for:

- Discussing incremental value of projects
- Selection of concepts
- NPD strategy setting vs strategic intent of the category
- Checking NPD strategy vs reality
- Focusing idea generation
- Ensuring better technology link to consumers
- Check versus competition
- Provides for themed consolidation of similar concepts/ideas
- Determining the value of opportunities available supporting strategic consolidation

The CTM is essential for properly negotiating and loading the system to deliver the business objectives

PRODUCT PLANNING:

QUESTIONS?



Dantar Oosterwal

EFESO Consulting

Sr. VP & Partner

+1 312 292 6148

□ D.Oosterwal@Argoconsulting.co
 m



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ARGO-EFESO
WWW.ARGOCONSULTING.COM

455 N. Cityfront Plaza Dr., Ste 2750, Chicago IL, &&I 1 Email