

Implement a grow-as-you-go governance model for your organization

January 2025









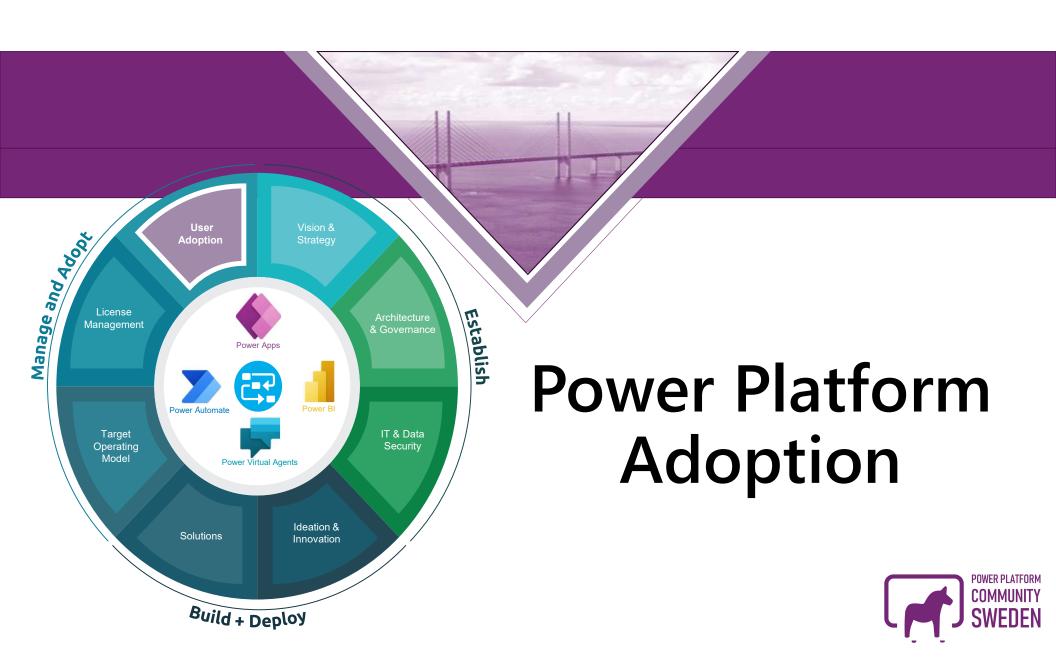
- in linkedin.com/in/negar-shahbaz/✗ @NegarShahbaz
- 😾 @negarfield2.bsky.social

- Microsoft Cloud Solution Architect (Power Platform, Azure IPaaS, Azure Al, Microsoft 365, MS Fabric)
- Started career as a .NET web developer in 2002
- Been Working with Power Platform since 2020
- Community Speaker (i.e. EPPC22 & EPPC24)
- Co-Organizer at "Azure Skåne" and "Power Platform Community Sweden South"

AGENDA

- Adoption Maturity Model
- Governance & Adoption Toolset
- Digital Guardrails CoE Starter Kit
- KPI Benchmark on SMART Goals





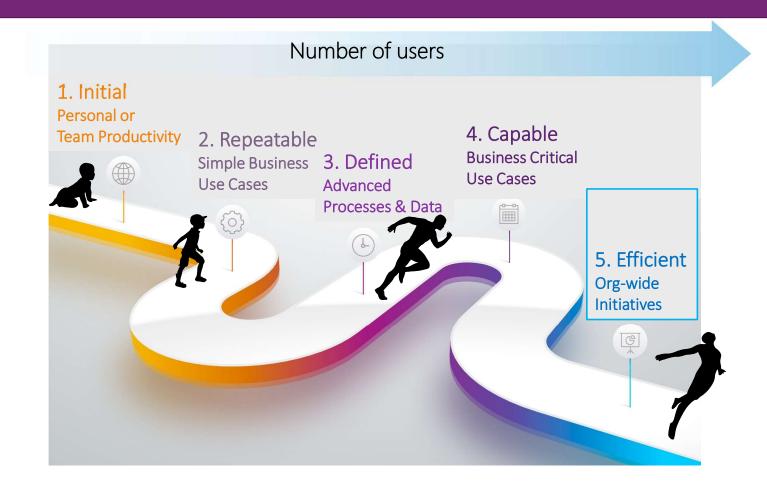
Business Challenges

- Uncertainty: how to start your transformation
- Fear of "lack of control"
- An ideation funnel demands resources / Fear of Change
- Understand use cases for Power Platform / Fear of Change





Adoption Maturity Model (Based on CMM)







Assess your organization's Maturity Level

The <u>Power Platform Adoption Maturity Model</u> identifies consistent themes, patterns, practices, and behaviors applied by the most successful organizations as they implement digital transformations with Power Platform. This model can help you understand your capabilities along multiple dimensions and identify areas of focus to help advance further.



Initial

Dower Dlatform

Repeatable

Defined

Capable Efficient

- Pockets of success and experimentation with Power Platform.
- No strategy or governance approach.
- Apps are team-based and supported by the makers.
- Organisation sees the potential of a strategic investment, but there is no clear path forward.

- Initial Power Platform controls implemented by a central team.
- Start to identify applications that are broadly used in the organization.
- These organizations sometimes believe that the use of the Power Platform is running "out of control."

- Standardizing repeatable practice.
- Achieving measurable success to digitally transform their organization.
- Defined Power
 Platform Center of
 Excellence team.
- Transformation may still reflect organic growth.

- Standard processes for managing and monitoring Power Platform
- Power Platform capabilities are being used to transform the business broadly and used for enterprisecritical apps and integrations.
- Platform Champions have established channels

- Organization has proven the capabilities of Power Platform to transform mission critical capabilities.
- Established community of experts.
- Fusion teams enable legacy capabilities and modern cloud architecture to be used easily.

Assessment Matrix

Level 500	Efficient	*Power Platform is key part of the digital transformation strategy. *Vision & strategy understood by all org- wide initiatives. *Deliver large-scale apps	Measure & Visualize Business Value Dashboards & reporting enablig decision making Executive visibility of B-value & impact	* Large internal community with Proven Value * Career path for makers * Community of Mentors * Common development strategy & goals for citicen and pro developers		* Automation fo support activities via bots and flows * Expected responsibilities & ownership is fully understood per role	own ALM processes * Environmnet lifecycle	* Teams accomodated cross-functional skills * Common Dev strategy * Common goals for citizens & pro developers per project
Level 400	Capable	*Supports rapidly changing business needs *Business plans shared across departments	* Using quantitative & qualititive measures to control/predict & enhance business efficiency	*Regular events for Champions like Hackathos * Assessmnets and maker certificates * sharing & celebrating success stories * Show & Tell sessions * Adoption Campaign	* Reactive governance * Identify business critical apps base don reports * Maintain tenant hygene by operation team * Maker responsibilities are defined, understof and communicated	* Dedicated support team * Continuous improvement plans aligned with business strategy * Cleartoles & responsiblities	* Env lifecycle management * Defined ALM processes centrally * Admin governance tasks are automated	* Cross-functional teams * Collaboration for Infra change and enablement * Use of CDS to help data reuse
Level 300	Defined		*Busienss points identified/measure before & after project * Prioritisation of ideas base don business value * KPIs reported and reviewed againast goals	* Insight into business pain points * Maker trainings * Srategies for makers * Internal Champions * Community * COE Starter kit Nurture module	* Env Strategy * DLP strategy * Request management * Monitoring of app usage License & capacity monitoring * Custom environmnets for ALM	* Helpdesk * Defined Service Levels: what support level for different types of solutions	* Automated Env creation & DLP creation * Apps are still deployed manually * Complinace rules define by the Admin are followed	* Teams operate idependently * Custom UX controls * manage source control: Git & ALM * some standard libraries, custom connectors, Component libraries
Level 200	Repeatable	* Common vision between IT & business * Demand management process	* Not much B-value assessment * Not much review & measurement of business cases	* On-boarding strategy for new makers * Some hackathon * makers evangelize the capabilites in their own department	* Power Platform Service Admin Role * DLP controls inside default environment * Tenant-isolation	* Community Support * Some governance to manage solution Lifecycle Management	* Standardized processes which are implemented manually	* Inter-team reviews of work * Pro Devs pilot high-value use cases
Level 100	Initial	* Innovation driven by some business areas * Low-complex. Scenarios * Limited reuse * Undefined Strategy/targets	* Undefined targets * Not much B-value assessment	*Some staff attended App in a Day *Team-based initiatives for nurturing makers	* Environments can be created *No DLP policies in place	* Each maker supports their own app * Limited rules on process support	* Manual Processes	* Not much Pro Dev usage on Power Platform
		Vision & Strategy	Business Value	Nurture	Admin & Governance	Support	Automation	Fusion Teams

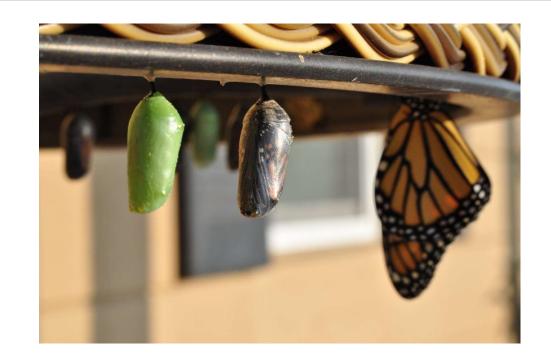




Assessment Matrix – Where is my orgnaization standing?

		Vision & Strategy	Business Value	Nurture	Admin & Governance	Support	Automation	Fusion Teams
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Unlock Potential During the Adoption Journey





Action Matrix

Level 5	Efficient	* Optimize Governance Rules * Go all the way with managed environments * Automate the expiry of unused assets
Level 4	Capable	* Review & optimize your data policies * Automate ALM * Personalize CoE solutions * Enhance analytics with Export to Data Lake
Level 3	Defined	* Establish a CoE Team *Install MS CoE StarterKit * Make some noise & recruit new makers: set up hackathos/Webinars/ App in a day sessions * Start an App Catalogue * Extend env strategy: Enable Managed Environments
Level 2	Repeatable	* Start the communities: Makers channel, Yammer & Teams * Prepare maker onboarding material/guidelines * Evaluate license needs/ get a grip on license allocation * Monitor the adoption: increase in number of apps/flows *Roll-out & enforce guidelines
Level 1	Initial	* Monitor with analytics * Set an Environment Strategy * Govern reactively base don patterns * Set up innitial data policies - adapted to business needs * Secure with tenant-isolation

Type of topics	Purpose	Examples
Community Engagement	Keeping employees updated and engaged in the program	 Announcements: What's new, new champions Monthly poll/questions
Continuous Training Programs	Providing training opportunities for employees to increase their knowledge on the platform	 Ask an expert Show and tell Demo day Tips and tricks Lunch and learn Creating video content Brainstorming/innovation sessions
Success Stories	Continuously sharing successes with the business to showcase the wins being accomplished. This increases visibility and awareness to the program.	Intranet articleNewsletterVideo interview with a maker
Technical Sustainment	Keeping updated with the latest changes and ensuring the environment is current	 Cleanup environments of unused apps Deploy Center of Excellence updates Review COE direction and new apps and templates Update data gateways Review environment strategy, development standards, DLP

Power Platform Governance & Adoption Toolset

CoE Starter Kit & Digital Guardrails

Admin Team & Fusion Teams

App Catalogue

Adoption Planning book

Innovation Backlog KPI Benchmark on SMART Goals



Leverage Azure Cloud





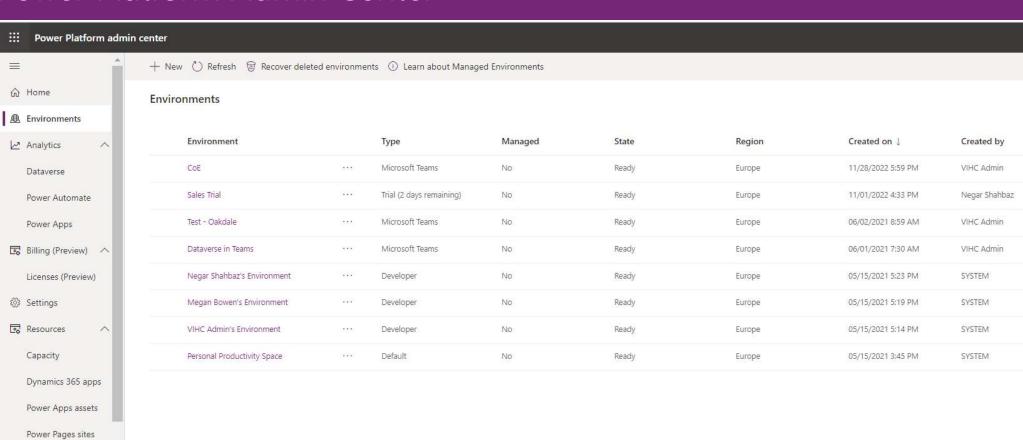
Power Platform Admin Center

Help + support

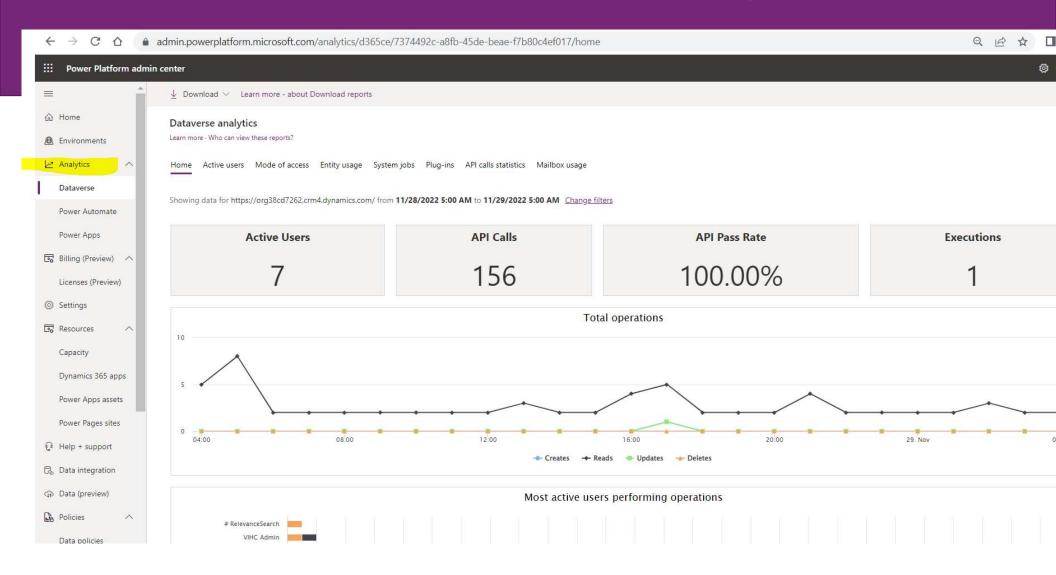
Data integration

Data (preview)

Policies

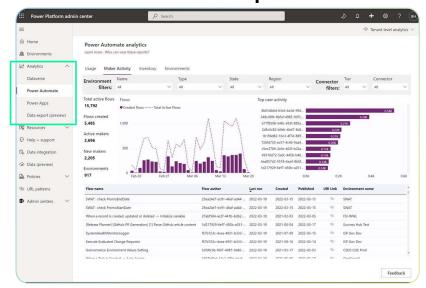


Power Platform Admin Center: Tenant-Level Analytics



Tenant-Level Analytics

Power Automate Reports

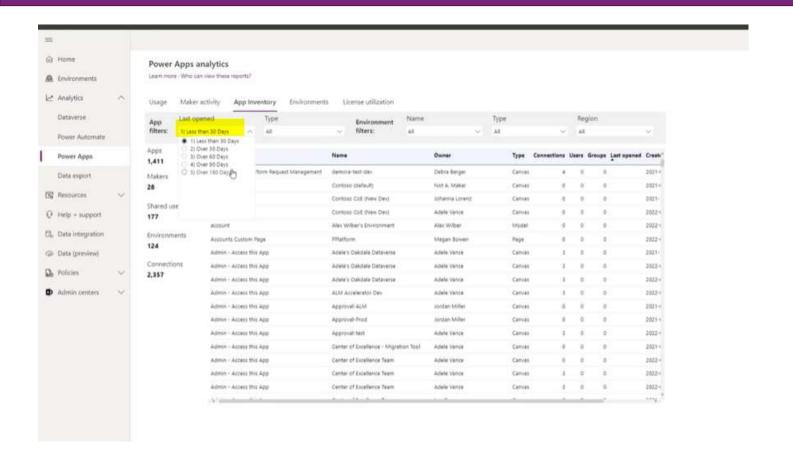


Power Apps Reports



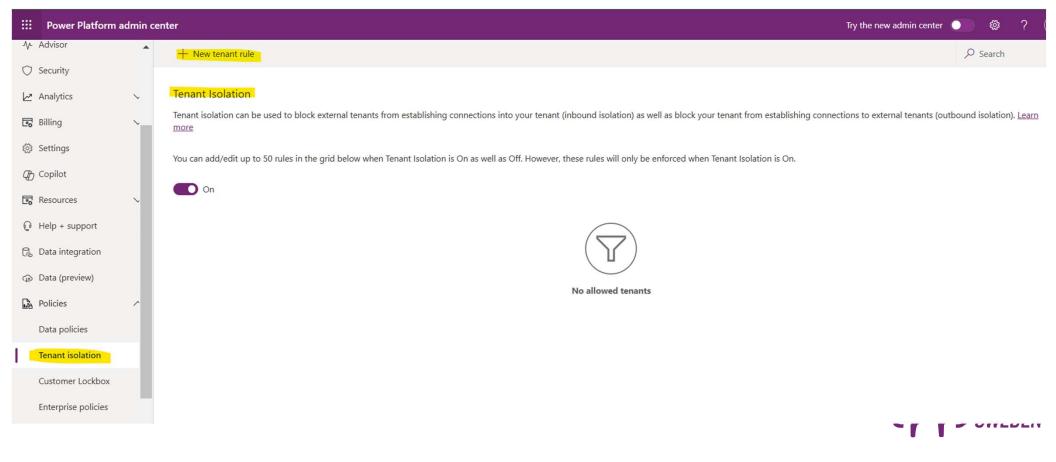


Tenant-Level Analytics

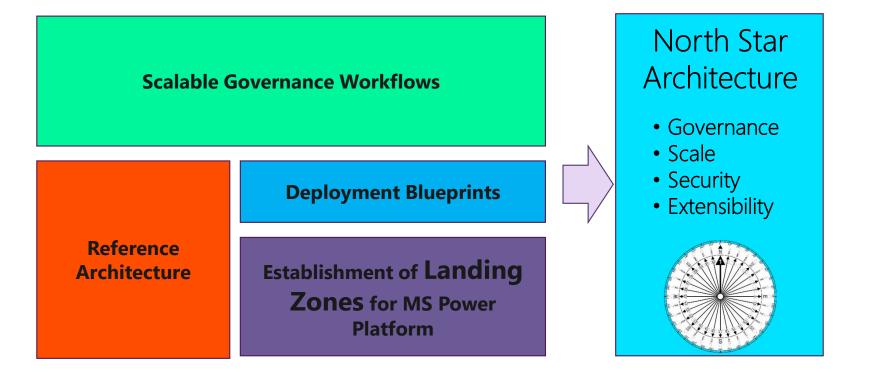




Tenant-Isolation

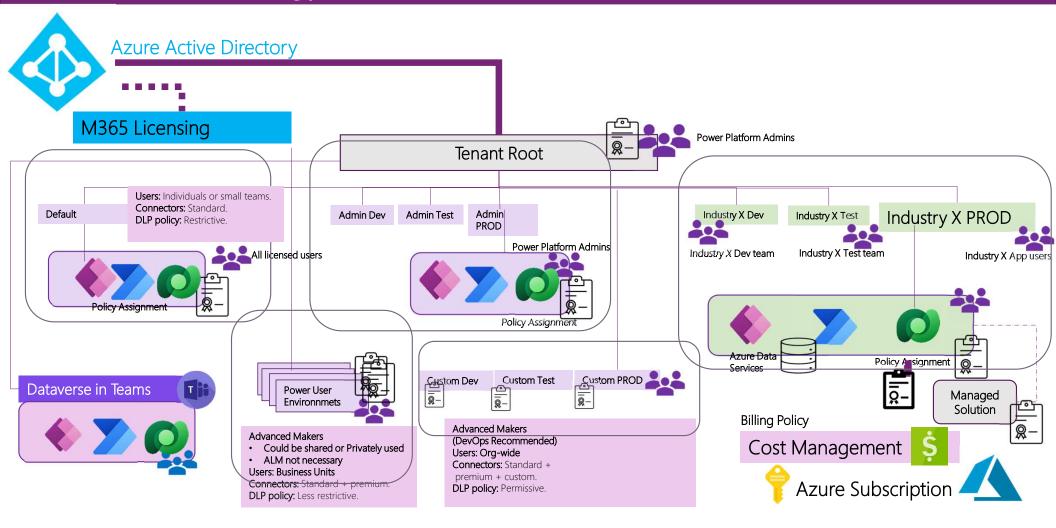


Governance, Architecture & Guardrails - Blueprint





Environment Strategy – North Star Architecture



Environment Strategy Checklist

- ☐ Assign your admins the Microsoft Power Platform service admin or Dynamics 365 service admin role.
- ☐ Restrict the creation of net-new production environments to admins.
- ☐ Treat the default environment as a user and team productivity environment for your business groups.
- ☐ Establish a process for requesting access to—or creation of—non-default environments.
- ☐ Dev/test/production environments for specific business groups or applications.
- ☐ Individual-use environments for proof of concepts and training workshops.
- ☐ Establish tenant and environment level data loss prevention (DLP) policies.
- ☐ Clearly communicate your organization's environment strategy to makers.
- ☐ Tenant isolation: Secure your environment



Environment Strategy Checklist

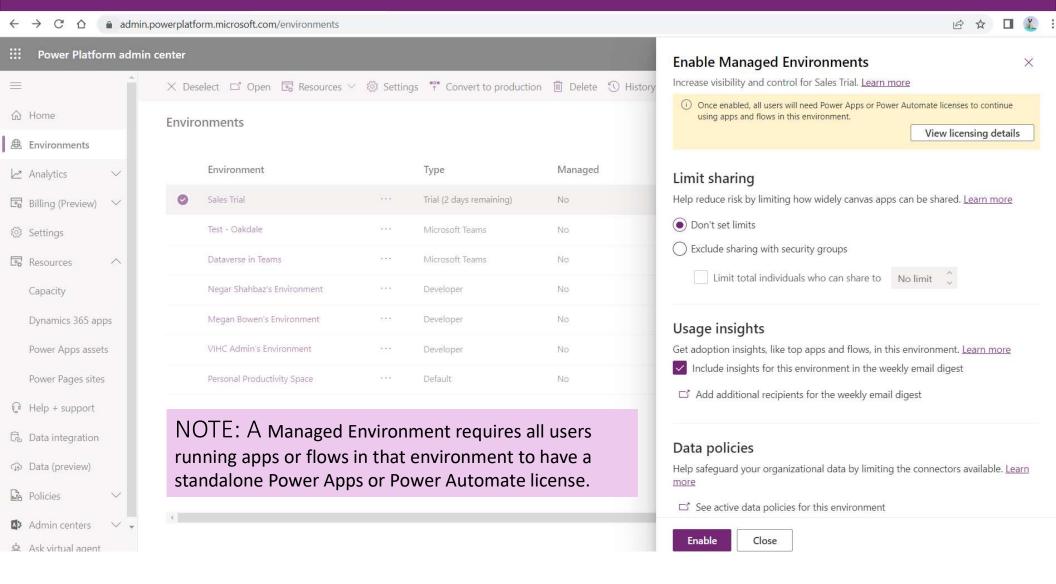
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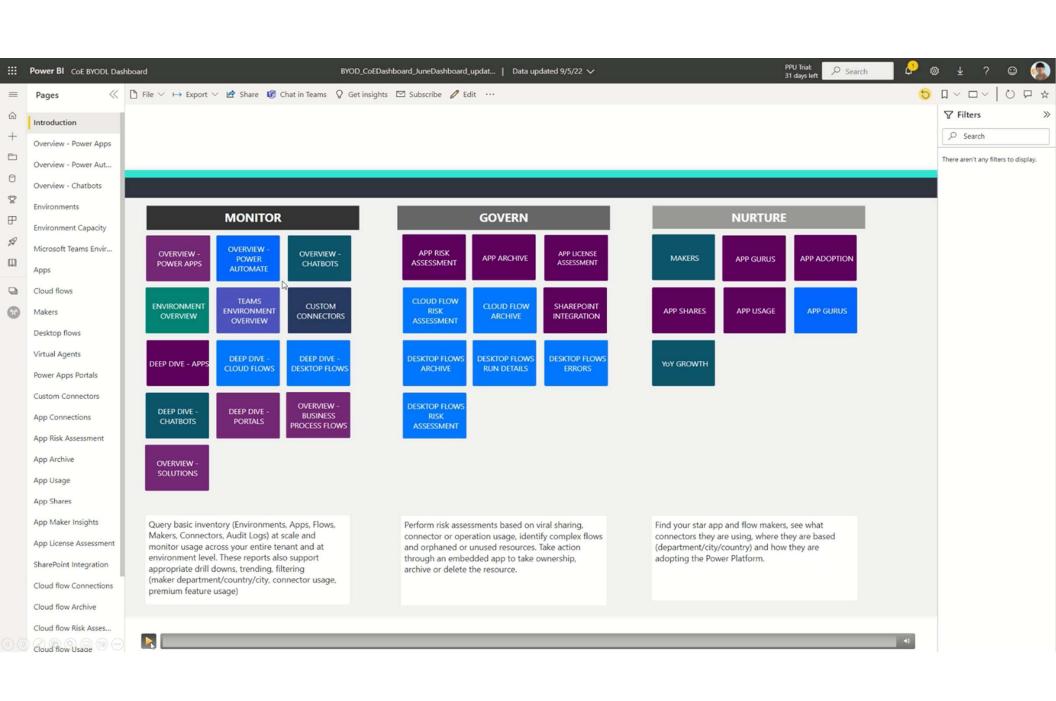
- Sandbox: For Development & Test by App Makers/Developers. Comes with Reset, Delete & Copy operations
- Community(Developer): Access to Power Apps premium functionality, Dataverse, and Power Automate for individual use
- Default: Automatically created per tenant, All tenant users can create/edit apps in this Dataverse environment with a database
- Production: Accessed by Admins & App users, Operational Apps & Flows for intended use (Managed Environment)





Managed Environments

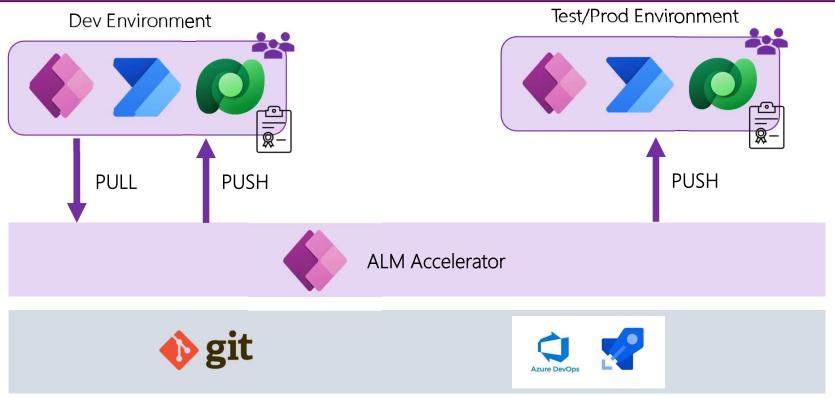




Microsoft CoE Starter Kit

Admin Admin, Makers & Users Governance Nurture Standalone Add-ons **CORE** Components Components Components **ALM** Theming **Innovation Backlog ALM Accelerator for Power Platform (AA4PP)** ER PLATFORM **ALM Accelerator for Makers (AA4M) MUNITY**

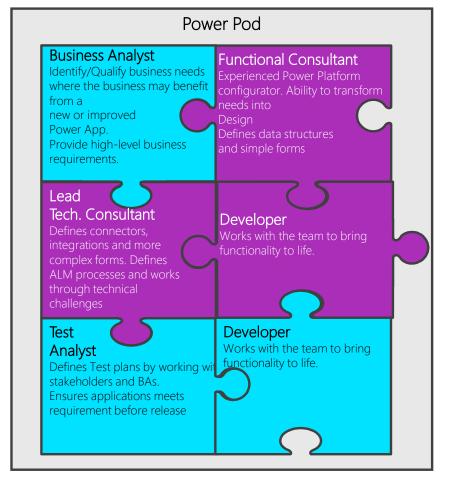
ALM Accelerator

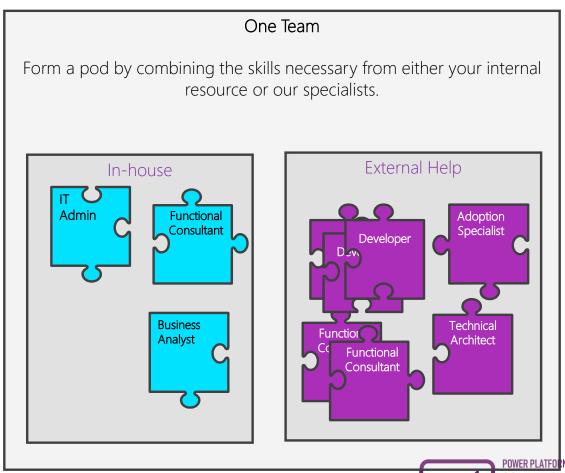




Fusion Teams: Power PODs

• Depending on your requirement, your team can have different variety of skills.





CoE Admin Team:

- Governance Framework
- Architectural Integrity (Build)
- Success Framework
- Training & Knowledge
- Community & Nurture

Business Analyst

Identify/Qualify business needs where the business may benefit from a new or improved Power App.

Provide high-level business requirements.

Lead Power Platform Developer

Create initial and subsequent back-end database(s) and defines entities and relationships to fulfil various requirements.
Ensures connectors and in place and may build custom entities, connectors, and forms etc.

Power Platform Components Developer

Develop shared and app functional components. Develop an enterprise component library. Maintain clear understanding of app inputs/outputs.

Power Platform CoE Lead

Overall understanding of business process and functional requirements to meet/exceed demands.

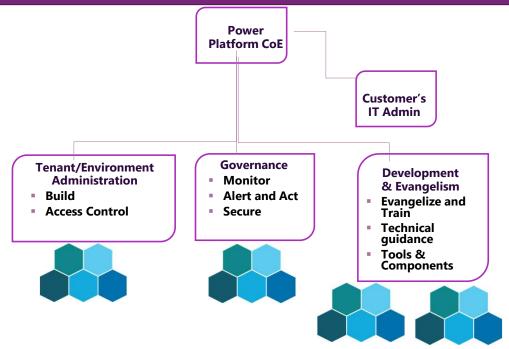
Create both developmental and production version(s) of app. Incorporate components + business logic (workflow).

Oversees the output of each Pod.

Power Platform BI Developer

Provide and generate data models, visualize data and govern dimensional tables. Work with the business users to develop metrics, KPI packages, dashboards, reports etc.

*illustrative Pod





Operation Plan & Nurture – Adoption Planning Book

A Backlog of actions that revolve around Security, Community, Governance & Monitoring & Innovation

- □ <u>Automate the creation of environments</u> for developers by building a request and approval process for them to follow.
- ☐ Implement <u>Application Lifecycle Management</u> by using Azure DevOps Build Tools or GitHub Actions.
- ☐ Automate the clean-up of unused environments, apps, and flows.
- □ Identify critical and production applications based on usage, and promote them to <u>appropriate staged environments</u> (development/test/production) to ensure changes made in development do not break end-users in production.
- □ Establish an <u>automated process</u> to get more information from makers about their apps, such as business justification, impact of an outage, and risk assessment to allow you to get a better picture of what your makers are building.
- □ Continue to <u>measure the business value</u> your makers and apps add, to showcase the impact Power Platform is adding to your organization.



Typical backlog of activities for CoE team

Type of topics	Purpose	Examples
Community Engagement	Keeping employees updated and engaged in the program	Announcements: What's new, new championsMonthly poll/questions
Continuous Training Programs	Providing training opportunities for employees to increase their knowledge on the platform	 Ask an expert Show and tell Demo day Tips and tricks Lunch and learn Creating video content Brainstorming/innovation sessions
Success Stories	Continuously sharing successes with the business to showcase the wins being accomplished. This increases visibility and awareness to the program.	Intranet articleNewsletterVideo interview with a maker
Technical Sustainment	Keeping updated with the latest changes and ensuring the environment is current	 Cleanup environments of unused apps Deploy Center of Excellence updates Review COE direction and new apps and templates Update data gateways Review environment strategy, development standards, DLP

Typical Activities around Nurture & Reporting

Frequency	Activities
Daily	 Keep updated with latest Microsoft Power Platform news Respond to questions from Citizen Developers
Weekly	 Welcome new members Host Show & Tell sessions Host Q&A Sessions or Lunch & Learns Post to your organization's Power Platform community to keep users engaged: e.g., tips and tricks, use case examples, how to, praise etc.
Monthly	 Create and update video content/ how to guides and training content. Create success stories to post and showcase Post about Power Platform updates in your Community: e.g., MS Teams/ Yammer/ Intranet Host monthly engagement event: e.g., innovation session, hackathon with specific departments etc. Extend knowledge with User Group meetup: e.g., invite an external speaker Reward program: praise and reward citizen developers
Yearly	 Monthly meetings with Power Platform Admin Team to review adoption progress and new features Quarterly meetings with Leadership to show adoption progress



Team Touchpoints

Frequency	Agenda	Attendees
Weekly	 Review current progress with the adoption What's new/ upcoming Issues/ roadblocks 	Working Team
Bi Weekly	Review reporting and metricsWhat's new/ upcomingIssues/ roadblocks	Team Leads
Monthly	 Review reporting and metrics Review any new features updates/announcements from Microsoft Outstanding issues/ concerns 	Manager and Leads
Every Quarter	 Status update to Leadership on adoption progress Success stories Plan next step in the roadmap 	Managers and Leadership

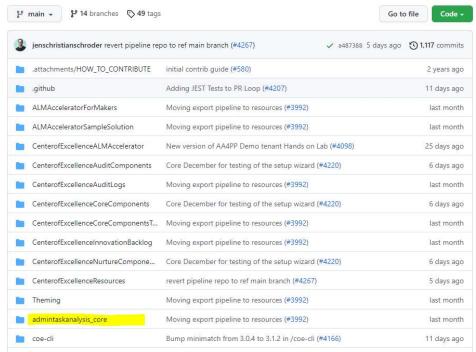
One Team vs Parallel Streams of Work



Administration Task Planner

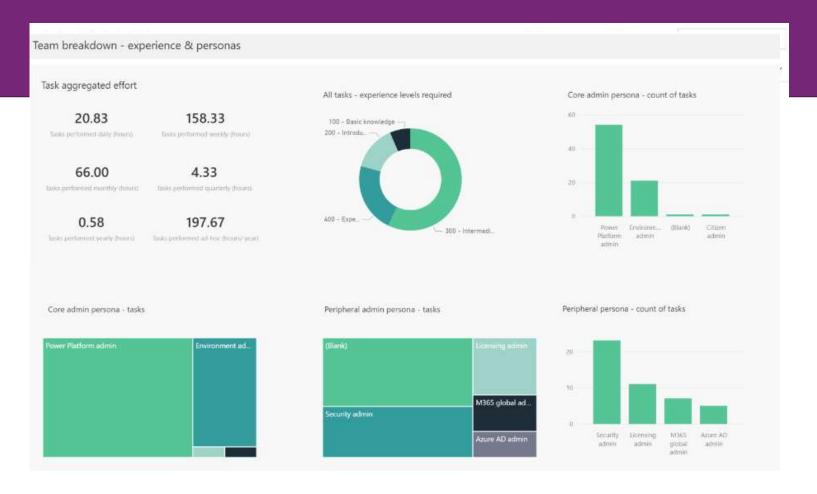


<u>GitHub - microsoft/coe-starter-kit</u>





Administration Task Planner





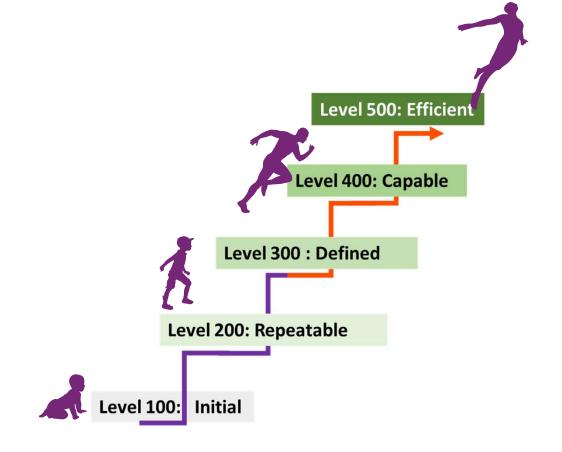
Technical Calendar

	[Month] Sample									
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY				
Clean up environments (quarterly)	Clean up unused applications (quarterly)			Review COE Reports						
			Deploy Center of Excellence Updates	Review COE Reports						
			Update Data Gateways	Review COE Reports						
Review environment strategy, development standards, DLP	Review COE direction and new apps and templates		Post on Power Platform updates	Review COE Reports						



Adoption Calendar

- CRAWL Calendar
- WALK Calendar
- RUN Calendar





Crawl Calendar

[Month] Sample				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Announcements/ New Members			Ask an Expert	Function Friday/ Resources
	Show and Tell / Video Post/ Demo Day		Ask an Expert	Function Friday/ Resources
		Tips and Tricks / Art of the Possible/ Praise	Ask an Expert	Function Friday/ Resources
	Show and Tell / Video Post/ Demo Day		Ask an Expert	Function Friday/ Resources

Walk Calendar

[Month] Sample				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Announcements / New Members	Saccion	Monthly Poll / Question		Function Friday/ Resources
	PowerApps Drop-in	Show and Tell / Video Post/ Demo Day	Ask an Expert	Function Friday/ Resources
	PowerApps Drop-in	Tips and Tricks / Art of the Possible/ Praise		Function Friday/ Resources
	PowerApps Drop-in	Show and Tell / Video Post/ Demo Day	Ask an Expert	Function Friday/ Resources



Run Calendar

[Month] Sample				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Announcements/ New Members	Announcements	Monthly Poll / Question	Meet a Citizen Developer	Function Friday/ Resources
Power Apps	Power BI	Show and Tell / Video Post/ Demo Day	Ask an Expert	Function Friday/ Resources
Power Apps	Automate	Tips and Tricks / Art of the Possible/ Praise	Meet a Citizen Developer	Function Friday/ Resources
Power Apps	Power BI	Show and Tell / Video Post/ Demo Day	Ask an Expert	Function Friday/ Resources



KPI Benchmarks on SMART Goals Success Hub



Hunt Down Business Objectives for Business Value

Office workers spend on average **69 Days** a year on administrative tasks.

Digitize & Automate your Business

Enabling the Power Platform, your business can quickly replace repetitive tasks, digitising and scaling your processes and reporting

A mobile phone is used by **60%** of employees globally for work related activities.

Embrace the Benefits of Mobility

Power Apps are natively mobile and can actively use device features such as cameras, GPS and Bluetooth to deliver online and offline apps where your users need them most.

Adoption of low code techniques is accelerating digital innovation & transformation

Accelerate Digital Transformation

Citizen development partnered with independent development pods can utilize Power Platform to quickly roll out transformative technologies quickly and at low cost.



Measure Success Criteria

- Identify key performance indicators (KPIs) that should improve based on adopting various business scenarios.
- Establish KPI benchmarks using SMART goals
 - Specific:
 Clear and unambiguous. Answering questions "What, why, who, and where?"
 - Measurable:
 Concrete, clearly demonstrating progress.
 - Achievable:
 Reasonable, not extreme.
 - Realistic:
 In line with the realities of the stakeholders.
 - Time related:
 Linked to a specific target date. Answering the question "when?"



Typical Success Criteria

Success measure	Measurement method	Example goal
 Reduced operating costs Replace third-party tools with Power Platform Use Power Platform for development of custom solutions Avoid on-premise run costs by retiring legacy and on-prem solutions and replacing them with Power Platform solutions 	 Quantitative # of third-party applications retired # of legacy solutions retired # of Power Platform solutions used in production 	 Replace 20% of third-party apps by end of year Replace 10% of legacy and on-prem apps Reduce custom software development by 10% Use x number of Power Platform solutions in production
 Increased productivity Faster time to market through using low code and reducing development time of solutions Increased number of makers able to develop tools that can replace paper and manual processes Ability to complete tasks on a mobile device instead of having to go to a desk. 	 Quantitative Process efficiency gains Time savings by using Power Platform solution instead of paper/manual processes Qualitative End user surveys 	 x number of makers x amount of time saved by using Power Platform solution instead of manual process 10% fewer repetitive tasks 20% fewer data entry errors / less data loss on manual processes
 Improved collaboration Reduce Shadow IT by having full visibility of Power Platform solutions that are being built Fusion team collaboration between low-code and pro-code makers 	QualitativeMaker surveysEnd-user surveys	x number of makersSatisfaction score on end-user surveys
 Improved employee engagement Employees are motivated to help the organization achieve its digital transformation goals Employees have increased learning opportunities and career paths available to them 	Qualitative • Employee surveys	 Employee engagement improves by 15% within 6 months x number of employees who complete training / advance their career with Power Platform ERPL MM
		C M J SWE

Reporting

Who will you report progress to?

- •Executive Sponsor
- •Steering Committee

In what format?

•Share success scorecard during meeting and post to Teams channel after monthly meeting for access by all key stakeholders

How often?

Monthly

Using which vehicles?

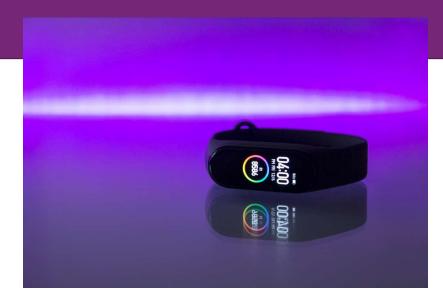
- PowerPoint
- •Power BI



Start Tracking

Distribute surveys to gather data about your makers' knowledge of and satisfaction with the new Power Platform services. The results will help you determine how successful the rollout has been and get you thinking about how to incorporate this feedback into actionable next steps.









Sample Survey Questions for the Initial phase:



- 1. Have you heard of Microsoft Power Platform?
 - ☐ Yes, and I am a maker
 - ☐ Yes, but I am not a maker
 - No
- 2. Have you attended one of our internal training events, hackathons, or show & tell sessions?
 - ☐ Yes, and I am applying the new skills now
 - Yes, but I am not yet able to apply the new skills
 - No, not relevant to my role
 - ☐ Did not know about them
- 3. How satisfied are you with the internal Power Platform adoption program?
- 4. What else would you like to see as part of our Power Platform adoption program?



Useful Links & References



Center of Excellence Starter Kit aka.ms/CoEStarterKit



Power Platform Adoption Guidance adoption.microsoft.com/powerplatform



Reference Architectures and Landing Zones aka.ms/NorthStarPowerPlatform



Tack!



in linkedin.com/in/negar-shahbaz/

X @NegarShahbaz

% @negarfield2.bsky.social





