



Wipro FinOps Offering

3 Hours Consulting Service Workshop

Duration (mins)	Topic	Sub-Topic	Type
30	Introduction	Challenges faced while Operating in Cloud	Presentation
		FinOps Discipline & Fundamentals	
60	Wipro FinOps Solution	Wipro FinOps Approach & Offering	Presentation
		Differentiators	
60	Wipro FinOps Tool Demo	Cloud Native FinOps Tools - Overview & Limitations	Live Demo
		Wipro FinOps Tool Capabilities	
		Deployment Options	
30	Q&A and What Next	Case Study & Customer Queries	
		How Wipro can help you?	

Challenges faced by Enterprises in Cloud

Bills shocks due to absence of Adaptive & Optimal Cloud Consumption Models

Missing strategy and processes to define and improve optimization initiatives

Lack of Cloud Governance and a well-structured Cloud Center of Excellence for driving initiatives

Unavailability of the right tools to conduct discovery of data, analysis of cost trends and automation of optimization recommendations

Lack of consolidated dashboard for cost and utilization data

Absence of periodic review of the Cloud Infra Design and transformation initiatives

Skill Gap leading to Operational mediocrity & high Cloud OPEX

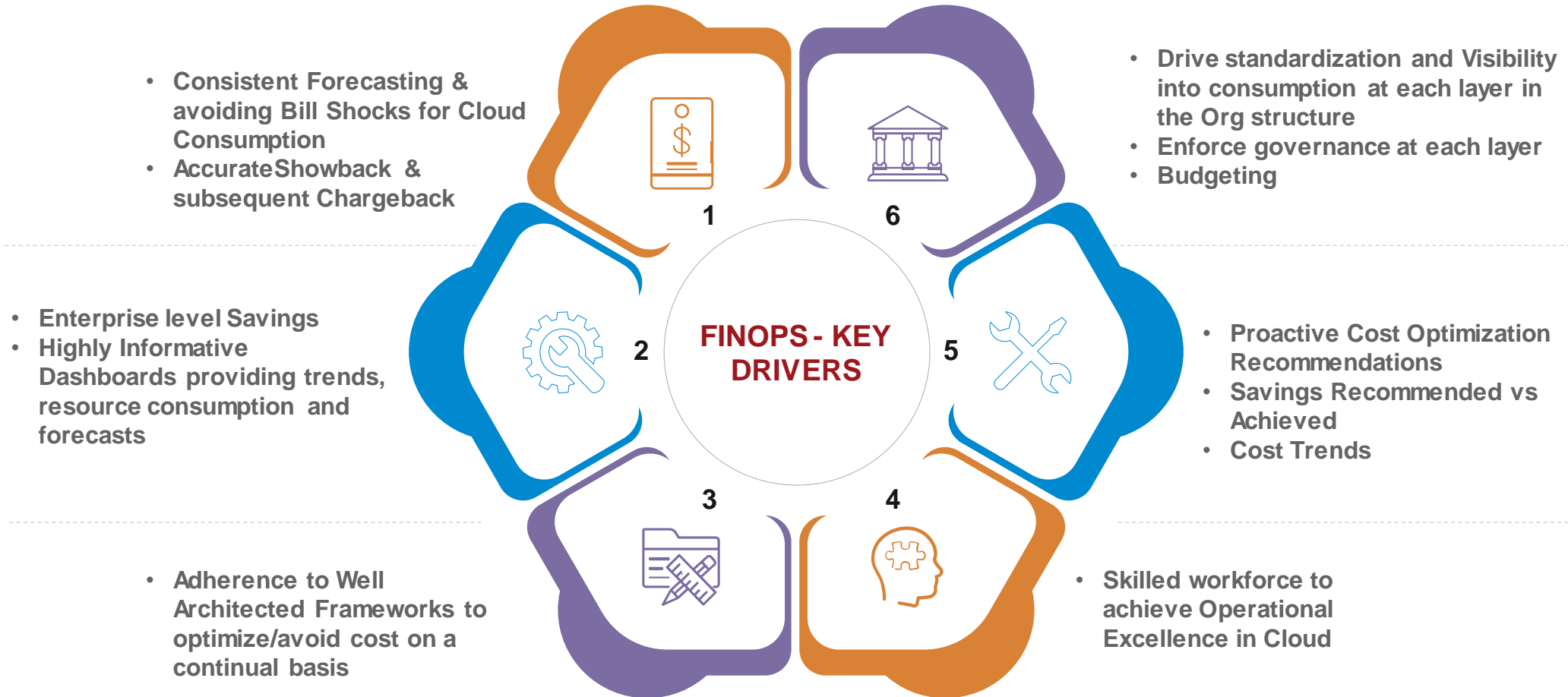
High Demand & Cost for Cloud Skills

Cloud Waste globally is estimated to reach USD 24 Bn by 2024

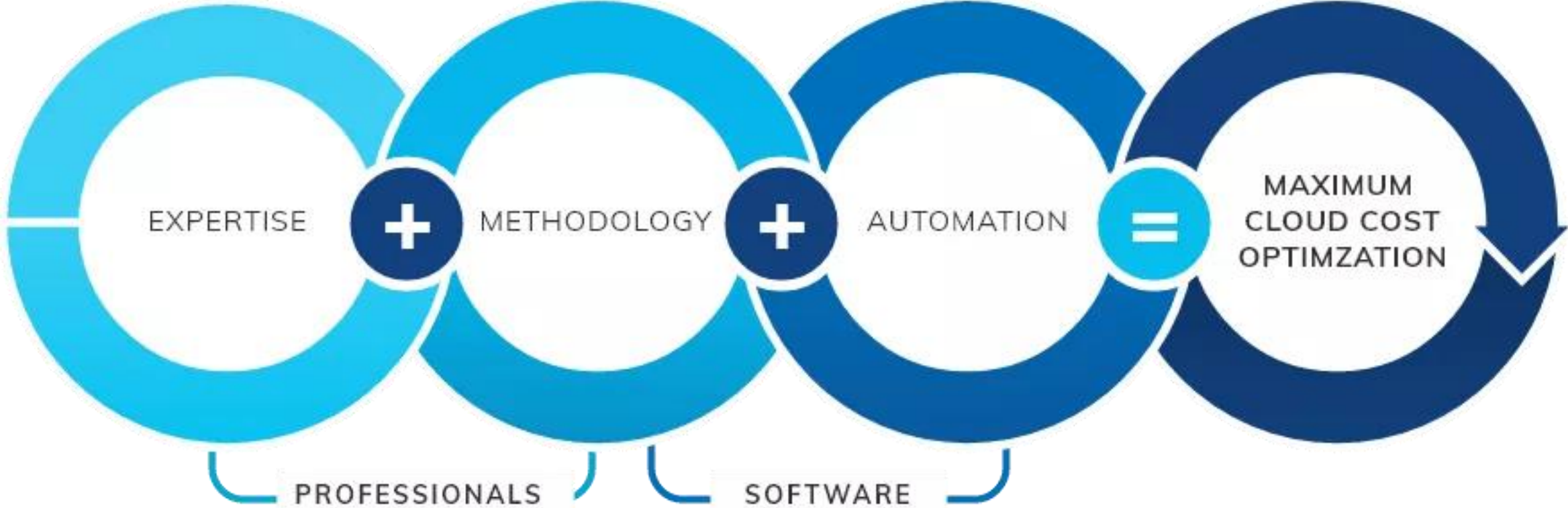


FinOps Adoption - Key Business & IT Drivers



Objective – Highly Efficient and Performant Azure Cloud Setup with High Savings



Wipro FinOps As A Service – Driving Outcomes





Wipro FinOps Model for Azure Cloud

 **Cloud Ops team to reduce consumption cost** 

 **Optimization Recommendation - Communicate to Cloud Ops team** 

- Optimize Cloud & Hybrid Infrastructure
 - Optimize Process & Services
 - Manage & Monitor Budgeted Spend
 - Help Maximize Investment Planning
 - Rationalize licenses for App and DB
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Analyze and Plan Optimization

 **Wipro's Cloud Cost Optimization Tool** 



Our Solution Differentiators

Wipro transforms cloud cost data into actionable insights for cost-optimized operations. Wipro is uniquely positioned to deliver cost optimization capabilities across all 4 categories: **Observability, Governance, Optimization and Communication.**

Built on foundational Financial Governance and Cloud Economic Model, Wipro FinOps helps enterprises have a structured & forward-looking approach right from setting the objectives using Calibrated set of Policies & Guidelines, Process and Tools & Technologies. This ensures effective use of Azure Cloud resources and capabilities.

Wipro has a unique 'Governance for Governance' model to ensure that the frameworks are adaptive to emergent needs of IT, business, and the larger industry as a whole. It helps define metrics, dashboard and reporting requirements for a single pane of glass view of the cloud spends.



Observability

- Cloud asset inventory
- Cost trend analysis
- Utilization trend analysis
- Billing forecasts
- Utilization forecasts
- RBAC-based access
- Alerts for anomalies

Governance

- Domain-based access control
- Budget control
- Chargeback and Showback
- Spend forecasts
- Proactive alerts

Optimization

- Optimization recommendations based on usage patterns and forecasts
- Rightsizing of resources, deletion of unused resources, resource rescheduling and more

Communication

- Link sharing amongst team using share function
- Domain-based access control

Benefits of Wipro's FinOps solution

Wipro FinOps solution supports enhanced Azure Cloud optimization features along with unified cost visibility and optimization methodology

Comprehensive Cloud Financial management - Show-back, Chargeback, Financial Governance

Quick deployment, configuration, Integration (ITSM, REST API), enablement of Cloud Ops team, leading to quicker Rol

Guaranteed continuous optimization, savings and value realization

The solution is a combination of tools and services driving the overall cost optimization objectives. While this is preferred for better outcome, Wipro also resells the relevant tools.

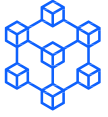
Wipro is open for customization of the tool to suit specific requirements

Multiple deployment model available to suit specific requirements. It can be deployed in a SaaS or dedicated instance



Leading German Energy Provider

Enabled FinOps practices for a leading German energy company



Key Challenges

- Subscription Monthly Cost went up to > \$1M which was a big concern for customers
- Cloud Resources in the subscription were overprovisioned during Migration.
- The backup was running with premium infrastructure and premium tier storage which was very expensive.
- Reservations were not applied to VM, Disk and Storage, OS Licenses etc. The overall environment was expanding with time.
- The subscription monthly cost exceeded Data Center Cost post migration.
- Housekeeping of Cloud Resources were not done
- Database Free Allocation Space was high
- Unused RI charges were present.



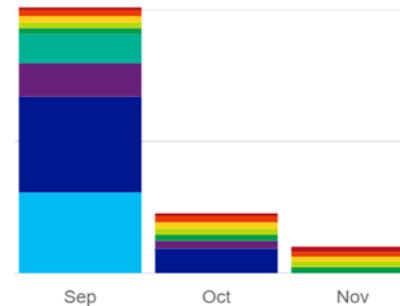
Activities & Solution

- Detailed analysis of Blob Storage consumption and Virtual Machines (VM) Disks
- Comparison of migration assessment reports and bills of materials
- Increase in VM reservation observed from 80% to 100%
- Azure VM backup replication strategy changed from Geo Redundant Storage (GRS) to Zone Redundant Storage (ZRS)/Local Redundant Storage (LRS)
- Data disks removed from Azure VM backups as Oracle database backups are happening through Commvault
- Housekeeping of snapshots and storage accounts
- Removed idle VM & disk, downsizing non-production disk from Premium Standard storage device (SSD) to Standard SSD with change control process
- Re-designed Commvault setup of cloud subscription
- Compute infrastructure resized for quality environment

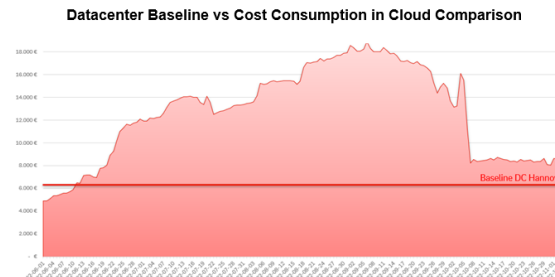


Benefits Delivered

FinOps Framework Implementation
The collaboration of Wipro and the business owners resulted in the reduction of Azure consumption from €516k in September '22 to €255k in November '22. This helped in preventing a spend of €3M (appx.) in a year, after which the Azure consumption is now stable.



Cost Reduction Chart after FinOps Implementation (FY 2022)





**Thank you
for your time**