

# Implementing Automation-Driven FinOps and Cloud Governance Architecture



**100% tagging compliance**



**Real-time spend visibility**



**Automated governance controls**



**52% cost reduction**

## Client

A U.S.-based biotech pioneer advancing next-generation cell therapy research partnered with Innominds to optimize cloud costs, strengthen governance, and implement a scalable FinOps framework to support expanding R&D operations.

## Business Challenges

As research environments scaled rapidly, the organization experienced growing financial and operational inefficiencies within its cloud ecosystem.

- Escalating cloud costs due to idle and underutilized resources
- No structured budget tracking or chargeback accountability
- Inconsistent tagging policies limiting ownership traceability
- Lack of governance controls and defined FinOps roles
- Limited real-time spend visibility and absence of forecasting capabilities

## Technical Requirement

The client required a scalable framework to optimize cloud costs, improve governance, enable budget tracking, enforce tagging compliance, and establish real-time spend visibility with forecasting capabilities.



## Solution

Innominds, in partnership with Aquila Clouds, implemented an automation-first cloud governance and FinOps framework to drive cost efficiency, transparency, and operational control.



Deployed automated scheduling for idle EC2 instances, EBS volumes, and snapshots



Implemented budget dashboards and chargeback mechanisms with monthly burn-down tracking



Enforced automated tagging compliance with tagged vs. untagged reporting



Established role-based access controls and automated governance policies



Delivered unified real-time spend dashboards with a 3-month forward consumption forecast model

## Business Outcomes

- ➔ 69.4% realized savings
- ➔ 52% reduction in monthly cloud spend
- ➔ Improved visibility and accountability
- ➔ Sustained cost optimization

## Tools and Technologies

- EC2
- EBS
- Aquila Clouds
- Budget dashboards
- Chargeback mechanisms
- Role-based access controls
- Spend dashboards
- Forecast model



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