

Pharmaceuticals & Life Sciences

Product, Project and Portfolio Management

- Project Management for R&D and Clinical Trials
- Integrated Product Development and Launch

Microsoft



SharePoint

Microsoft



Project

Microsoft



Power BI

The competitive environment in today's Pharmaceutical world is driving organisations to be more flexible, responsive and efficient than ever before. The challenge for leaders of these companies is to ensure that the product portfolio remains aligned to strategic intent and business outcomes expected. A key characteristic of mature organisations is the ability to ensure that the most valuable products are selected, prioritised accordingly and receive the appropriate resources. This pressure on companies to replenish pipelines with innovative drugs that have high potential for approval and returns has driven companies to revise their portfolio strategy over the last decade.

NDS Global based in US & India is a trusted Microsoft Gold Partner that has successfully delivered Product, Project and Portfolio Management (PPM) solutions to leading Pharmaceutical companies in India. Our project management team with deep experience in the pharmaceutical industry can help you implement range of business functions from R&D, Clinical Trials to Integrated Product Development & Launch.



Microsoft



NDS
Cloud | Mobility | Digital

For Demo/Workshop:

Vikram Bharwada
Senior Vice President, NDS Infotech

Phone:
+91 9167249835 / 9820596050

Email:
ppm@ndsglobal.com



Current Scenario / Business Challenge

The global need for innovative, cost effective medicines continues to rise whilst regulators, payers, health care providers and patients are demanding greater value for money, proven effectiveness of products, more transparency and access to information. To meet these demands companies are seeking ways to improve R&D productivity, resource utilization, increase the efficiency of its operations, rationalise spending on sales and marketing and enhance financial performance.



Solution

The drug discovery process consists of a series of stages that identify targets, optimise leads and eventually establish proven drug benefits. Each one of these stages requires researchers to update all information related to Product & research. NDS™ Pharma Project help R&D team to generate an immense amount of clinical information. This also offers the ability to handle much more complex workflow from ideation to development of drug/trial leveraging multiple parties' collaboration including hundreds of scientists, regulatory bodies, quality associates, managerial staff etc. NDS™ Pharma Dashboard has ability to provide comparative reports that can be analysed and used by management to get portfolio view of drug development & process involved. Moreover, with NDS™ Pharma Projects, organizations can track and define project plans from the start of the process involving screenings compounds, right down to clinical trials.



Business Benefits / Outcome

- NDS™ Pharma Projects allows you to deliver on time and within budget, track project life cycle from inception through to completion, and catalogue and track each stage of development accurately. A seamless and effective project management system means regulations, processes and systems will be adhered to, as and when required, for successful delivery of objectives.
- Greater control over the project selection process providing the ability to react to new market opportunities.
- The project management approach can help the CRO provide higher quality services at a lower, competitive price, while maintaining and even increasing the profit rate.



Current Scenario / Business Challenge

Product and process technology is rapidly evolving. Competition is becoming more and more global. Customers are emphasizing improved quality and reliability, but reduced spending requires an emphasis on value and affordability. This dynamic and challenging environment requires the implementation of integrated product development concepts to reduce development cycle time and improve product quality and value.



Solution

Pharmaceutical development is a complex process, which requires collaboration of multidisciplinary teams, coordination of processes, methods and tools, allocation of resources and utilization of adequate facilities. NDS™ Product and Portfolio Management (PPM) solution build over Microsoft Project Online, designed specifically for pharmaceutical industry helps organization in decision making processes, resource allocation, profitability and efficiency with the help of common work and information platform. A built-in streamlined approach to project and portfolio management helps Research directors, Project managers to deliver products to market on time, within budget and whilst retaining compliancy with regulations and approval authorities. NDS™ PPM solution for pharmaceuticals delivers several key benefits such as visibility and control over the entire process, improved project selection process, visibility on the efficient utilization and allocation of resources to the right initiatives Efficient and effective management of R&D products, Clinical trials projects significantly impact the time, scope and budget. The web-based solution is intuitive and easy to handle due to its similarity and tight integration with the Microsoft SharePoint and Microsoft Office environment.



Business Benefits / Outcome

- NDS™ Pharma allows Pharmaceutical industry to monitor timeline of product launch across all geographical locations, in real time
- It provides balanced selection of programs and projects to maximize portfolio value to the organization.
- Enables aligning strategy with business goals to protect milestones and ensure key deliverables.
- Using NDS™ Pharma BI analytic tool to benchmark costs of a portfolio of drug development from stage one to end.

Pharma Home Page



Product Portfolio
Management



New Product
Development



New Product Launch



Integrated Product
Development & Launch



R & D Project
Management



Clinical Trials Project
Management



Technology Transfer



Resource Management



IT PMO Management



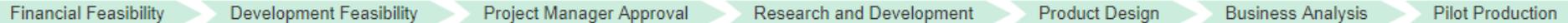
Dashboards

New Product Development Workflow



[Back to Home](#)

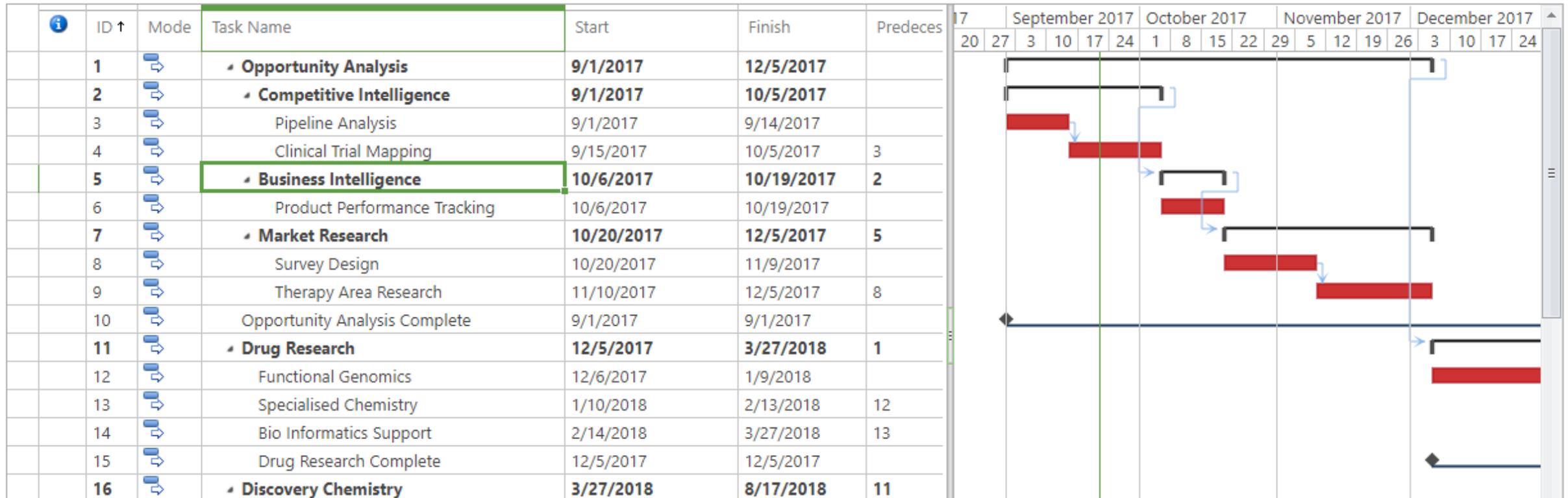
New Product Development



New Product Development	Financial Feasibility	Development Feasibility	Project Manager Approval	Research & Development	Product Design	Business Analysis	Pilot Production
New Product	Name				Cost Year 2		
Products	Heated Butter Knife				\$30,000.00		
Task	Start Date				Appraisal Period		
Risk & Issue	10/25/2016				3		
Timesheet	Owner				Discount Rate		
Resources	Vandana Pathak				12		
Dashboard	Benefits Year 1				Net Present Value		
Setting	\$30,000.00				\$56,711.83		
	Benefits Year 2				Internal Rate Of Return		
	\$60,000.00				41.81		
	Cost Year 1						
	\$20,000.00						

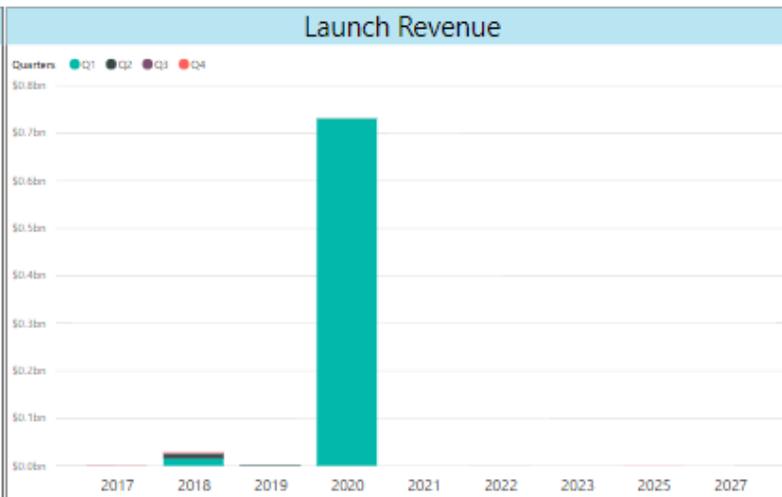
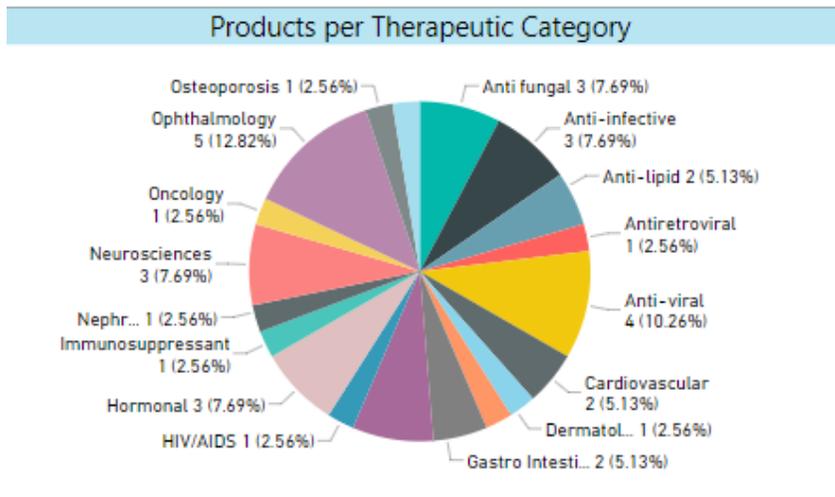
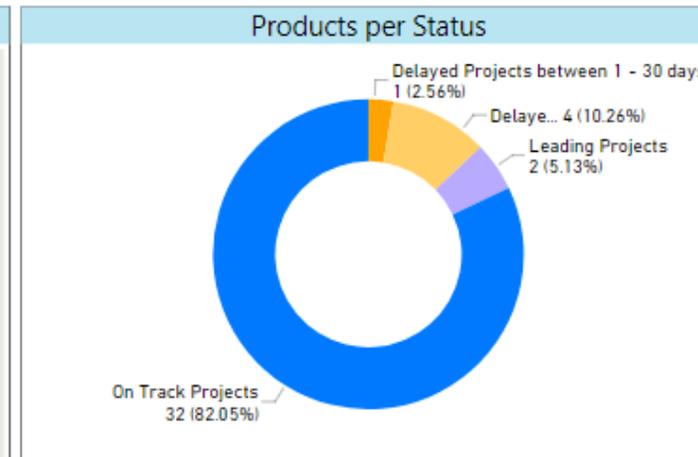
R&D Schedule

Schedule: Antimicrobial Drug Development



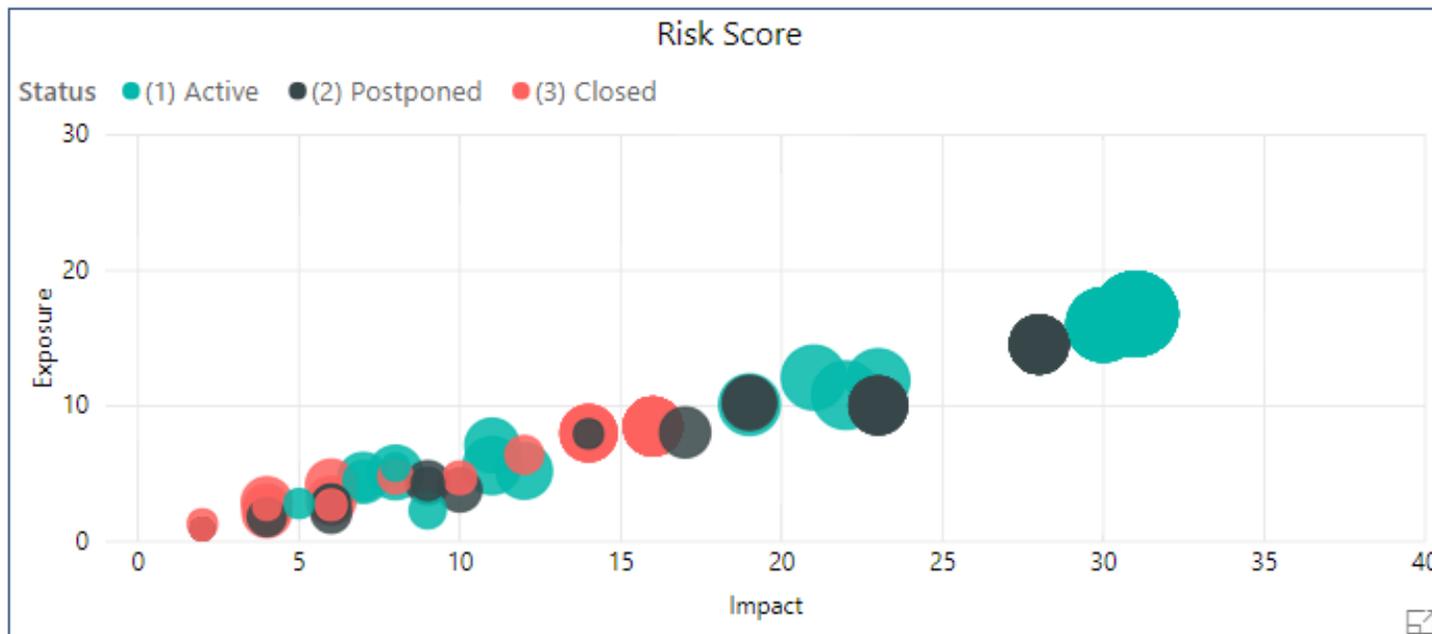
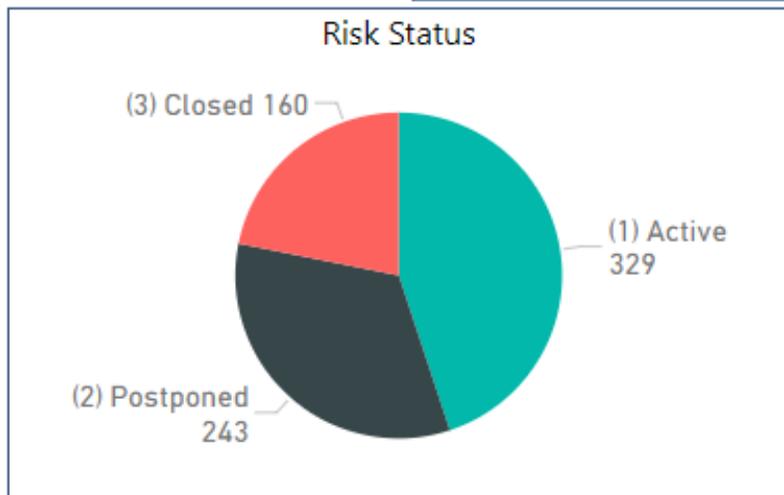
Product in Portfolio	Targeted Markets
39	20

Year	No. of Products	Launch Revenue
2017	4	\$0.67M
2018	8	\$28.27M
2019	3	\$1.55M
2020	19	\$731.02M
2021	1	\$0M
2022	1	\$0.12M
2023	1	\$0M
2025	1	\$0.3M



Risks Summary

EPT: Projects:



Products	Risk Title	Status	Category	Exposure	Risk Owner	Assign
ABACAULPHIV	1 MT API launch may get delayed	(1) Active	(1) Management Level	25.10		
Abacavir Tablets	1 mg batches are to be manufactured ...	(1) Active	(1) Management Level	39.85		
ACICLOVIR LOTION	1 mg batches are to be manufactured ...	(1) Active	(1) Management Level	39.85		
Antimicrobial Drug Development	100 mg 3 B, 200 mg 9 B, 400 mg 3 B, c...	(1) Active	(1) Management Level	15.40		
Bupropion Tablets	1 mg batches are to be manufactured ...	(1) Active	(1) Management Level	39.85		
Cefpodoxime Tablets	1 mg batches are to be manufactured ...	(1) Active	(1) Management Level	39.85		

Stage Gate Status

Product Type

All

Stage Gate

All

Number of Products by Years and Quarters

Quarters: Qtr 1 (Teal), Qtr 2 (Black), Qtr 3 (Red), Qtr 4 (Yellow)

Year	Qtr 1	Qtr 2	Qtr 3	Qtr 4
2017	2	0	2	4
2018	1	5	4	2
2019	4	7	1	0
2020	1	0	0	1
2021	1	0	1	0
2022	1	2	0	0
2023	0	1	0	0
2025	0	0	0	1
2027	0	1	0	0

Number of Products

80

Products Delayed

15

Products to be Delayed

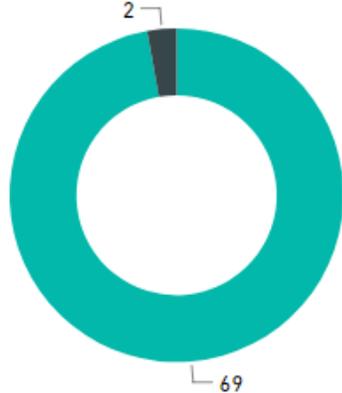
0

Products On-Time

57

No. of Products by Status

Status: InProgress (Teal), NA (Black)



Status	Count
InProgress	69
NA	2

