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الجميع الذكية
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MIDOCEAN
UNIVERSITY

Project Governance

Lecture 10

PMG 424

Ch10 – Governance of Projects

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Learning Outcomes

- Clarifying the different perspectives of project governance.
- Discussing the role of the steering group as the governance institution of projects.
- Understanding the different views of projects.
- Explaining project control as related to the achievement of the project plan.
- Highlighting the main capabilities of project managers.

The Aim of Project Governance

- Project governance aims at the **consistent and predictable delivery** of the project's planned contribution to the portfolio – and thereby to the achievement of the corporate strategic objectives – within the framework of corporate governance.
- Project governance provides risk minimization, transparency, division of ownership and control at the project level.

Approaches of Project Governance

- Governance frameworks are developed from different approaches; either a **top-down or a bottom-up** approach.
- **Top-down approaches** are developed from an **outcome perspective** and represent the Flexible Economist and Versatile Artist paradigm.
- **Bottom-up approaches** take a **control perspective** and represent the Conformist and Agile Pragmatist paradigm.

Perspectives of Project Governance

- This distinction has implications for **the depth** to which governance is carried out by the **institutions governing projects**.
- An outcome perspective provides flexibility in project execution if the governance institution (the steering group) feels that the intended outcome can be achieved.
- A **control** perspective calls for more upfront planning and estimation, strict control procedures and contingency plans.

The Steering Group

- Although the steering group may Not be the only governing institution of projects, it is the one that **carries the most authority** when it comes to project execution.
- The steering group has **full responsibility** for project success; it owns the business case and is **accountable to top management** for achieving project objectives.

Steering Group Authority

- Steering group members have managerial authority to **assign or withdraw resources** (for example, financial) from the project.
- They also have authority to **accept or decline proposed changes** to the project and decide on whether the project has accomplished its objectives or not.

Steering Group Responsibility

- Steering groups constitute **the linkage between the permanent and temporary organizations.**
- Their main **responsibility** is **to ensure effective coordination of governance mechanisms** between the **project and its parent organization.**

Steering Group Responsibility

- The steering group, and by association the sponsor, looks at the interface between the permanent and temporary organizations from **two opposite perspectives**:
 - The perspective of **the parent organization** towards its project.
 - The perspective of **the project** towards its parent organization.

Steering Group Responsibility

- **The perspective of the parent organization towards its project.**
 - This perspective is related to **project governance** and includes defining the goals, means and ends of the project.
 - It reviews the project based on its contribution to and link with the parent organization.

Steering Group Responsibility

- **The perspective of the project towards its parent organization.**
 - This perspective is related to **project support** and includes provision of resources and decisions.
 - It includes formal decisions like sign-off on milestones and formal authorization by the parent organization for the project to continue.

Level of Project Governance

- Depending on its **specific situation**, a project may have a **higher or lower need for governance** - typically, **high governance** is indicated:
- where project failure would lead to very severe consequences;
 - when the project is mission critical;
 - when the parent organization works in rapidly changing markets;
 - where corporate governance requires a strong focus on a particular project;
 - the project must be realigned to a new strategy.

Level of Project Support

- Depending on its **specific situation**, a project may have a **higher or lower need for support** - typically, **high support** is indicated for projects that:
- lack resources and other support from the parent organization;
 - incur resistance from within the parent organization to accept the project or its outcome;
 - have inexperienced project management.

Steering Group Governance Roles and Tasks

- The **governance roles and tasks** of the steering group include:
- establishing the governance infrastructure;
 - setting the project goals;
 - provision of the means to achieve those goals; and
 - control of progress.

Establishing the Governance Infrastructure

- The steering group **sets up the governance infrastructure** by defining and communicating to all related parts of the organization, upwards and downwards:
 - the project governance processes.
 - the means of controlling projects.
 - the roles, responsibilities and approval authorities.
- The infrastructure must link to corporate governance and cross organizational procedures, corporate policies, existing standards and processes (**paradigm**).

Setting Project Goals

- When **setting the goals for a project**, the steering group defines:
 - The desired business benefits.
 - The project deliverables, including the products or services.
 - The project success criteria with measures and tolerances.
- The steering group also agrees on the **project management process** required to achieve these goals with the **project manager**.

Providing the Means To Achieve Project Goals

- When **providing the means to achieve the project goals**, the steering group performs **governance and support** roles in parallel.
- The **governance role** is carried out through **provision of various resources** according to the latest project plan.
- The **support role** includes **activities to anchor the project within the organization**.

Providing The Means To Achieve Project Goals

- **Types of resources**
- The types of resources provided can include, but are not limited to:
 - people and skill sets;
 - budgets;
 - training and consulting;
 - technical and communication infrastructures.

Providing The Means To Achieve Project Goals

- **Types of support**
- The type of support provided can include, but are not limited to:
 - working on removing obstacles;
 - reducing risks from the relationship between parent organization and project;
 - linking project and organizational success factors;
 - mitigating the impact of resource shortages on project results or business benefits.

Controlling the Progress

- The **progress control** roles address both the details of the project, project context and environment.
- The following are continuously **monitored and adjusted** when appropriate:
 - project progress;
 - achieved results;
 - critical success factors;
 - stakeholder interest.

Controlling the Progress

- Formal measurement of the previous aspects is set up, consisting of quality indicators, milestone and other achievements and general plan adherence.
- These measures are formally evaluated, quantified wherever possible and become input for performance assessments and project forecasts.
- From a broader perspective, the progress control role of the steering group includes preventing scope creep and managing contingency reserves.

Steering Group Meetings

- These meetings are initiated at the start of the project.
- They are typically held more frequently in the first few phases and last few phases of a project, when they might be held weekly or, on high profile projects, even more frequently.
- During the other project phases, they will usually be held monthly and at agreed-to decision points, such as stage gate reviews.

Project Governance and Project View

- There are **two main project views** that have **implications** on how projects are governed:
 - The **transaction to be performed**, which is the project as an **object consisting of contract, process, method and outcome** (process).
 - The **agency performing the transaction**, which is the project as an **object consisting of the project manager and the team** (people).

Project Governance As A Transaction

- Decisions on how to govern the project as a transaction are made based on keeping **the costs of governance to a minimum** - these are the costs of:
 - Adaptiveness: the costs of aligning the interests of the various parties involved in the contract.
 - Contract governance: the costs of governing contract execution, including the costs of monitoring, control, meetings and reviews.
 - Contract administration: the costs of developing and agreeing on contract contents.

Minimizing Project Cost Decisions

- There are **several factors** considered when deciding on **how best to minimize project costs**; these are:
 - The **uniqueness** of the product (asset specificity).
 - The **risk** of the endeavor (uncertainty).
 - The extent to which the endeavor is **one-time or repeatable** (frequency).
- Within the transaction view, these three factors are seen as **the space within which the project process is governed**.

Project Contract Development

- Through their governance role of setting goals, steering groups carry out the work of **contract administration**.
- **A contract** is a promise or set of promises between parties, which enforced by the law.
- It is an instrument for **balancing** and **distributing risks** between contract partners, impacting the management of the risks for which each partner is responsible.

Types of Project Contracts

- This affects the governance structure itself and the depth of project implementation:
 - **Fixed price contracts** tend to **lower governance efforts** as the risk is on the side of the supplier and the price is fixed for the buyer.
 - **Re-measurement contracts** involve **more governance efforts** as the sponsor or steering group must ensure that their money is spent wisely.
 - **Alliance contracts** involve **the greatest amount of governance** as the relationship between buyer and seller is often complex and ambiguous.

Governance of Project Contracts

- As part of their work in **governance of the contract, the steering group** and the **project manager must agree how to:**
 - Make **adaptations** to the contract to meet any unforeseen circumstances.
 - Identify when such circumstances require a contract **modification**.
 - Decide on the **type of project management methodology** to be applied.

Types of Project Management Methodologies

➤ **Project management methodologies** can be grouped into:

- Predictive methodologies,
- Convergent methodologies, and
- Emergent methodologies.

Predictive Methodologies

- This type of methodology represents the **traditional** project management such as **waterfall**.
- These methodologies **are sequential** in nature, thus require complete planning of the project before, or very shortly after, the productive work begins.
- This type of methodology is used in **low-risk industries** (construction), and often use **fixed price/fixed date contracts**.

Convergent Methodologies

- This type of methodology uses **little upfront planning** with a moderate level of detail such as **the dynamic systems development methods (DSDM)**.
- It supports projects **where the details of the deliverables cannot be clearly defined at the start**.
- This type of methodology is used in **moderate-risk industries** (manufacturing), and often use **fixed price with variable fees/variable date contracts**.

Emergent Methodologies

- These methodologies allow for the **incremental** building of project deliverables such as Scrum or Agile.
- The advantage in such methodologies is that **benefits are gradually delivered**.
- The sponsor and steering group are required to have an **in-depth understanding of project requirements** and priorities.
- This type of methodology is used in **high-risk industries** (IT), and often use **variable price/variable date contracts**.

Choice of Project Management Methodology

- The choice of project management methodology depends on **project type** and the **nature of the project deliverable**.
- The methodology chosen impacts the governance of the project, as it defines both:
 - The relationship between project manager and steering group.
 - The type of information exchanged during steering group and other governance and project meetings.

Achieving Project Goals

- The steering group provides the means for contract adoption by the various parties.
- **From a contracting perspective**, this includes the contractual incentives for delivering the project and aligning the objectives of the various stakeholders.
- **From a governance perspective**, this includes provision of facilities, resources, decisions and budgets to enable the project team to do its work.
- **From a support perspective**, this includes adopting the project by the parent organization.

Assessing Project Goals

- The **final task of the steering group** is defining the mechanism for **assessing how well the completed project met its objectives** (progress control).
- The steering group performs contract governance through assessing compliance with the contract by reviewing the level of achievement against the project plan.
- This is done through formal reviews at predetermined points in the project process, normally at the end of phases, or the implementation of major deliverables.

OGC Gateway Review Recommendations

Gateway	Phase	When done
Gateway 0 review	Strategic assessment	Done to initiate a project
Gateway 1 review	Business justification	Done after the business case has been developed
Gateway 2 review	Delivery strategy	Done after development of the project plan and assessment of the feasibility of goal achievement
Gateway 3 review	Investment decision	Done after procurement plans and/or project teams have been determined
Gateway 4 review	Readiness for service	Done after project deliverable(s) have been created
Gateway 5 review	Operational review and benefits realization	Done after project deliverable(s) is/are in productive use and the project benefits should have been realized

Governance of the Project As An Agency

- Beside process and contract there is **the human part of the project** which also needs to be governed.
- For the project to be viable, it must align to **the business, the parent and the project organizations.**

Alignment to Business

- Alignment of the project to the company's business is done through **the strategic alignment**, and through the project organization as part of the parent organization business.
- Project-based organizations organize their governance processes differently based on whether **their clients are small or large** and whether **the projects for these clients are small or large**.

Alignment of Parent and Project Organizations

- This is done through governance of **the link between the functional structure and the project structure.**
- There are **three perspectives** the permanent organization has towards the project:
 - An agency for **change.**
 - An agency for **resource utilization.**
 - An agency for **managing risk.**
- Each of these links may **lead to potential conflicts.**

A Project As An Agency For Change

- Projects and their teams are put in place to **establish a beneficial change**, which may be **unfavorable by the traditional**, functional **organization**.
- The best way to manage this area of potential conflict is to ensure the **careful preparation** of the parent organization for the upcoming change, preferably **supported by an appropriate incentive system**.

A Project As An Agency For Resource Utilization

- In project-based organizations the permanent organization assigns their resources to projects, which results in **productive use** of those resources.
- This may bring up a major **conflict of interests** between the functional manager and the project manager.
- This conflict of interests is best governed by a **farsighted and multidimensional incentive system**.

A Project As An Agency For Managing Risk

- The project form of organization is currently the best way of **minimizing the risk in executing** unique, transient and novel endeavors.
- The perspective of the project as an agency for managing risk has **the least potential for conflict**.

The Project Manager

- There is **no one size fits all** when it comes to project managers.
- **Successful project managers** need **managerial competences** that allow them to guide a team towards defined objectives.
- The **type of these competences depends** on the **project size, industry** and **complexity**.

Project Manager Competencies

- **Project managers** working on large and/or complex projects **must have**:
- Project management knowledge and experience (methodologies).
 - Business area(s) related knowledge (benefits).
 - Engagement and communication (team members and project clients).
 - Leadership capabilities (doing the right things).
 - Intellectual, emotional and managerial capabilities (people and process).
 - Creativity and risk management (uncertainty).
 - Conscientiousness and self-awareness (reasonableness).

Choosing an Appropriate Project Manager

- Steering groups should evaluate the specific leadership needs for each project and **match project types with appropriate project managers.**
- **A good project manager may Not have the necessary competencies from the outset; these can be developed during the project.**

Conclusions

- Top-down project governance approaches are developed from an outcome perspective and represent the Flexible Economist and Versatile Artist paradigm.
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- The steering group has full responsibility for project success; it owns the business case and is accountable to top management for achieving project objectives.

Conclusions

- The steering group governance tasks include setting the governance infrastructure; defining project goals; providing the means to achieve goals; and controlling progress.
- The steering group sets up the governance infrastructure by defining and communicating to all related parts of the organization, upwards and downwards

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- Successful project managers need managerial competences that allow them to guide a team towards defined objectives.
- The type of project managers competences must be aligned with the project size, industry and complexity.

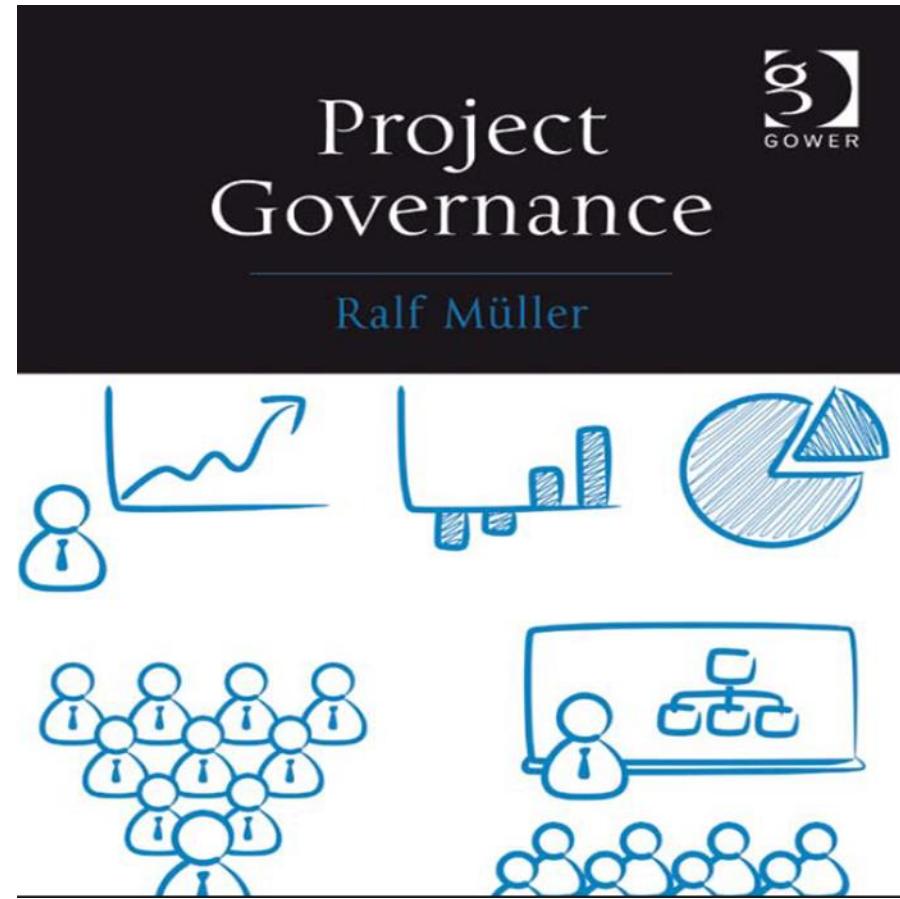
Task 1

- Find two projects, one is developed from an outcome perspective and the other from a control perspective, and try to figure out the implications of both perspective on how these projects are governed?

Task 2

- Explore two successful projects within different sectors (construction, IT), and try to identify the differences between project manager competencies that have led both projects to their favourable performance?

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Thank You

