# Projects Delevopment and Management

**Chapter 12** 

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## What to do?













### Whats is the difference?

Strategic Plan

X
Strategic Planning

x
Strategic Management

Planning

Strategic Plan

Strategic Management

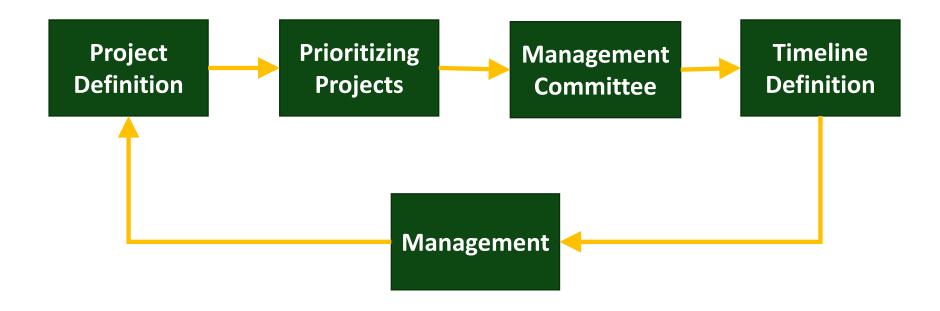








## What are the Main Steps for Management and Control of Strategic Planning Process?









# Main Steps for Management and Control of Strategic Planning Process

- 1 Identify the Strategic Projects
- 2 Prioritize Strategic Projects
- 3 Develop a Management Committee
- 4 Define a Timeline for Action and Project Management
- 5 Understand Possible Challenges and How to Mitigate It







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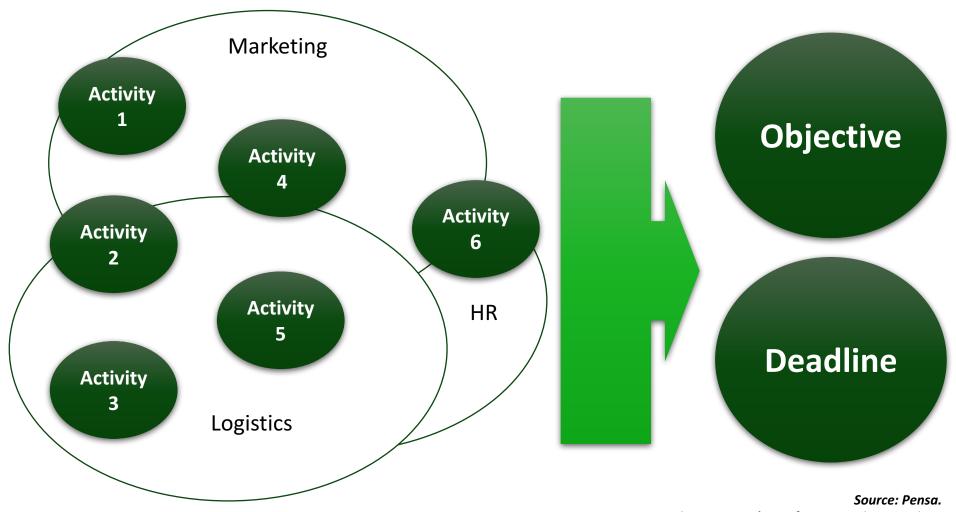
## 1. Projeto

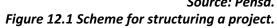
A project is a set of coordinated activities with established objectives and timeline, with a finite and transient duration. The project involves several functional areas and hierarchical levels while extrapolates the routine.





### 1. Scheme for Structuring a Project













### 1. Fundamental Topics in Project Management

	Detailed Description of the Plan Developed in the Concept Phase					
Coordinator	Definition of a coordinator for the project.					
and team	Appoint a team or someone committed to getting the project going.					
Objectives	The project must have clear objectives. In the same way the objectives of the strategic plan were made, the project (operational) objectives must be defined.					
Scope	Define the outline (project boundaries).					
	List the actions that are part of the project.					
	Clarify what is not a part of the project (in cases where boundaries are not very clear).					
Results	The results expected from the actions to be developed must be clear and well defined; it is the expectation at the end of the project.					
Expected	Make a time matrix scheduling the project's activities.					
Schedule	Define activities in an analytical structure which successively decomposes the project's final result into stages and sub stages, until a level is reached where activities are sufficiently small for deadline estimates to be defined.					

Table 12.3 Fundamental topics in project management.







### 1. Fundamental Topics in Project Management

Detailed Description of the Plan Developed in the Concept Phase						
Points of	Indicate the important points for the committee to follow up on the project. For					
Control	example, the end of an economical analysis, a technical essay, the opinion of a specialist,					
(indicators)	etc.					
Indicators: Point out items that will evaluate the efficacy of the project's result example:						
	Cost: Reduce ABCD's production cost by x%					
Margin: Increase the EFGH's product line margin by y%						
Quality: Reduce the contamination index to z%						
	Image: Change to w% the positive image evaluation index of products, according to perception research					
Budget /	A large percentage of all projects will involve expenses in order to implement defined					
Resource	actions. Therefore, the budget of what will be spent should be discussed by the					
Balance	committee and the expenses approved.					
Contingency	Contingency Actions to be taken can be highlighted, where there are unexpected or undesirable					
Plan	events.					

Table 12.3 Fundamental topics in project management.

Source: Developed by the author, based on Pensa Projects and contributions from Roberto Waack.









## 1. First Steps

- Develop a governance structure and an implementation process;
- Evaluate and adapt the resources;
- Involve different levels and agents in the execution process to gain align across agents in the chain;
- Build and motivate the teams for the strategic projects;
- Define goals and objectives for people;
- Build a committee to discuss specific issues and solve problems;
- Seek public-private partnerships;
- Communicate the plan to the different organizations and agents involved;









### Project X

**Objectives** 

XXXX

#### Actions

#### **TEAM**

#### **Coordinator:**

Fulano

#### **Participants:**

Ciclano

Beltrano

#### **RESULTS**

**Main KPIs** 









Example

### 8. Strategic Intelligence

#### **Ó**bjectives

Develop a strategic intelligence system, incorporating strategic issues for the development of the industry as well as improvements in monitoring systems.

#### Actions

- Map international NGOs that attacks GMOs and create a dialogue.
- Constant update AgroBio's database (IT).
- Include in AgroBio's database information and tracking of laws and IP decisions.
- Strategic management of data to generate information and support decision making.
- Create an environment in which associated organizations may share trends and information about new technologies being developed.
- Monitor possible topics impacting the industry.
- Work together with CIB to avoid
- Trabalhar integrado com o CIB para evitar duplicity.
- Catalyst position in partnerships with research companies and funding organizations.

Source: elaborated by Markestrat.









Example

### 8. Strategic Intelligence

Indicators	KPIs	Unity	Goals
Map NGOs against GMOs	NGOs mapped	%	100%
Relationship with these NGOs	Meetings and communications with NGOs	number	2 per year
Improvements in AgroBio's database	Tracking of laws and IP decisions	-	-
Proximity with CIB	# of meetings with CIB	number	Increase of 20%
Foster partnerships with research and funding companies	# of meetings	number	Increase of 20%
New technologies	Answering to tech changes	Time (days)	Reduce by 10%

TEAM
Coordinator:
Mário
Participants:
Alessandra
Adriana
Eliane
Companies Representatives

SINERGY
Legislative and Executive Issues (3)
Industry Representation and Relationship (4)

PRIORITIZATION
Final: 4th (7,2)
Relevance: <b>7,4</b> Urgency: <b>7,1</b> Easiness: <b>7,1</b>

Source: elaborated by Markestrat.









## 1. Interrelationships Between the Projects

Projects	1	2	3	4	5	6	7	8	9	10
1	0	X					Χ			
2	X	0			Χ		Χ	Χ	X	
3		X	0			X	Χ		X	Х
4		Χ		0	Χ	Х	Χ		X	
5	X	Χ		X	0		Χ	Χ	X	
6	X		Χ			0	Χ		X	Х
7	X	X	Χ	Х	Χ	X	0	Χ	X	Х
8	Χ	X			Χ		Χ	0		
9		X		Х	Χ	Х	Χ		0	
10		Χ	X			Χ	X		Χ	0

Source: Developed by the author. Table 12.4 Interrelationships between the projects.







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## 2. Project Prioritization Tool

Resources (time and money) are finite and limiting for an organization. Actions must be prioritized accordingly with the current objective and long term planning of organizations.

Project/Actions	Urgency (need for rapid Implementation)	Relevance (impact on company results)	Investment Needed (\$\$)	АхВхС
Project A	8	3	8	
Project B	9	7	7	
Project C	4	10	6	
Project D	5	1	9	
Project Z	7	7	3	

Source: Developed by the author. Table 12.2 Project priority tool.









Example

## 2. Prioritization of Projects

Projects	Relevance (0 to 10)	Urgency (0 to 10)	Easiness (0 to 10)	Final Score	Prioritization
	(5 55 25)	(0 00 10)	(5 55 25)	555.5	
CTNBio e Questões Regulatórias	10,0	10,0	7,6	9,2	Short Term
Questões Operacionais e Estatutárias	8,0	9,4	8,6	8,7	Short Term
Representação Setorial e Relacionamento	8,8	8,4	8,1	8,4	Short Term
Inteligência Estratégica	7,4	7,1	7,1	7,2	Medium Term
Ações judiciais	8,0	7,5	5,4	7,0	Medium Term
Ambiente Legislativo e Executivo	7,4	7,1	5,9	6,8	Medium Term
Trading e FTO	7,0	7,9	5,1	6,7	Medium Term
Estratégia de Fortalecimento	6,8	6,0	6,1	6,3	Long Term



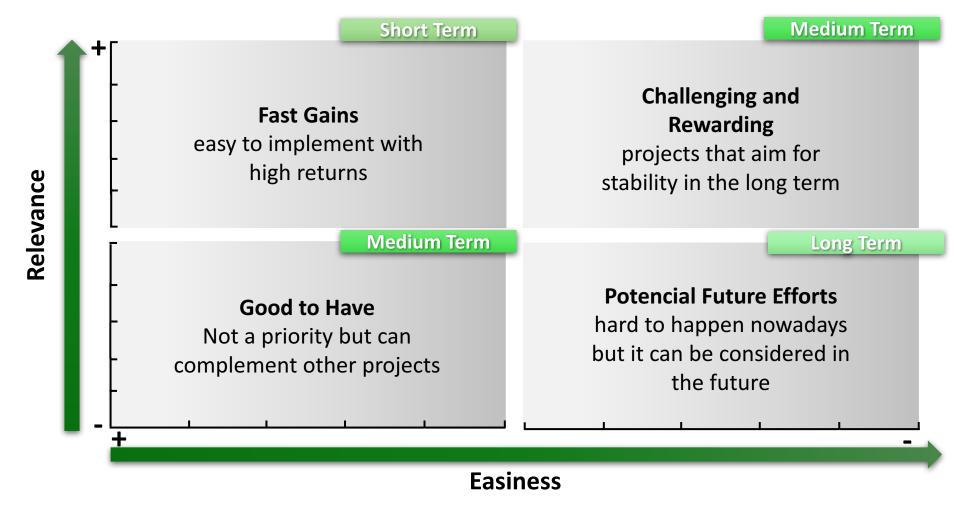








## 2. Prioritization of Projects Matrix









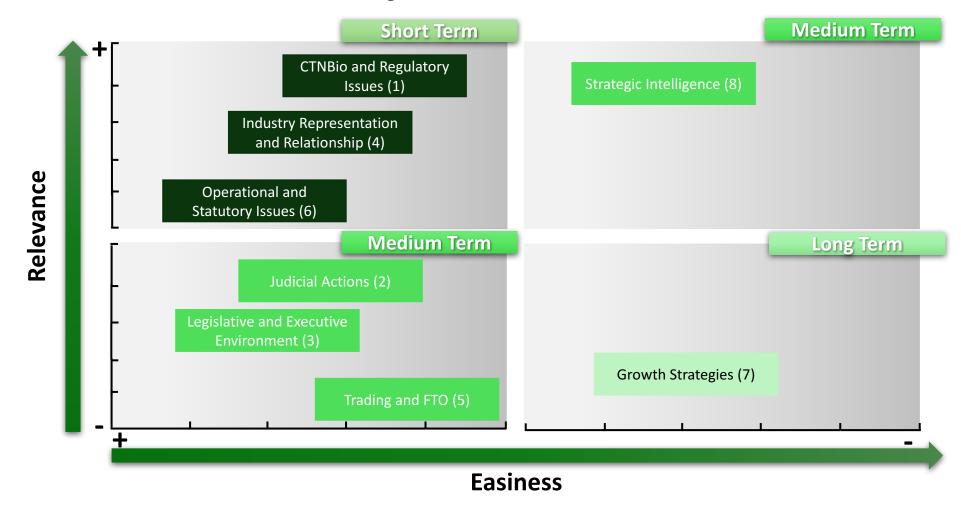




## Example

## 2. Poritization of Projects Matrix

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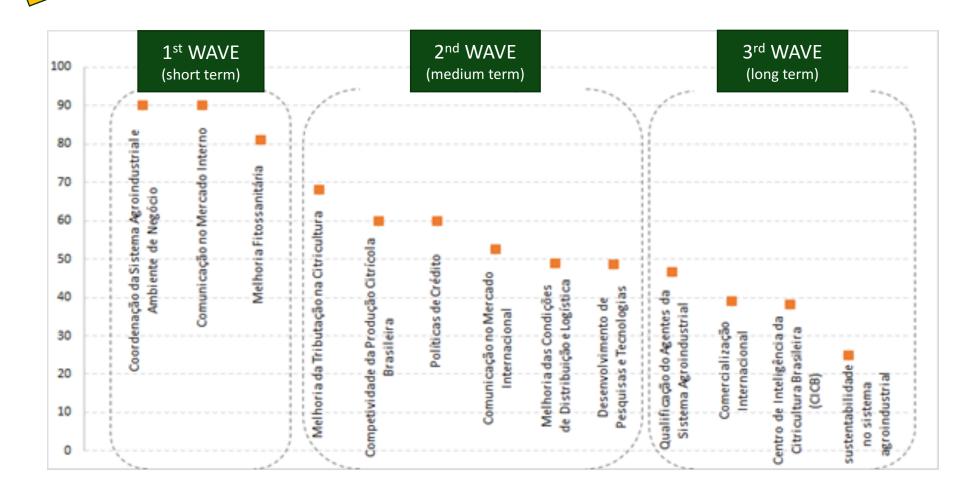








## 2. Prioritization of Projects



















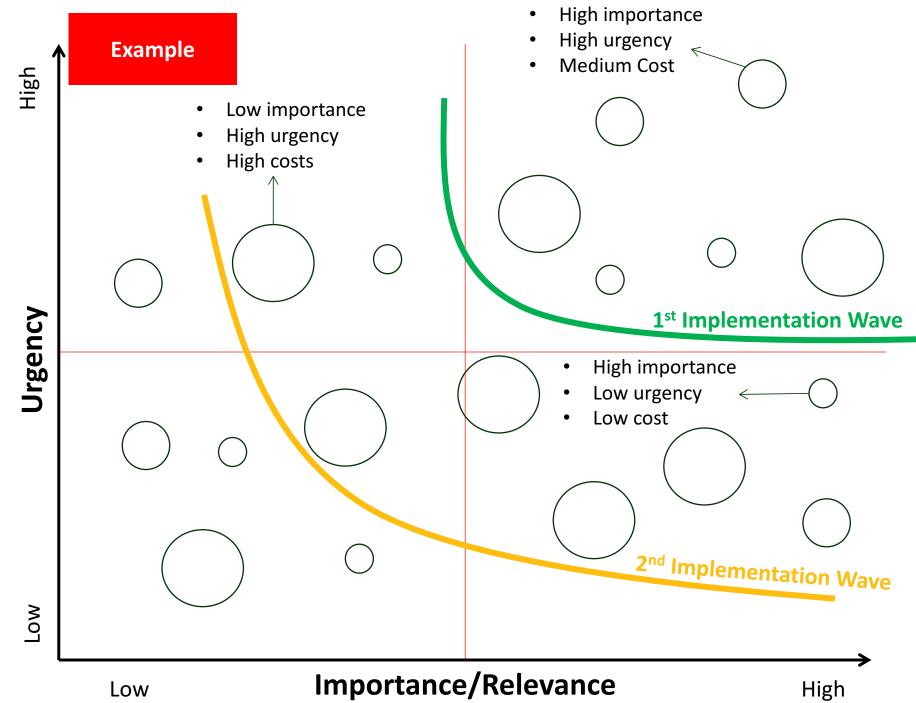
		LISTA DE PROJETOSESTRATÉGICOS COPLANA 2017		
TOTAL	MEDIA		LIDER	EQUIPE
200	10.00	GRÃOS 01 - Aumento da Capacidade de Pré-Limpeza (TIR)	Paulo Bortolin	Vicente, Mineiro e Matheus
200	10.00	GRÃOS 02- Sistema de Armazenamento para Produto Acabado (TIR)	Paulo Bortolin	Vicente, Mineiro, Faverton, Jarbas
189.5	9.48	GRÃOS 04- Nova Unidade de Tratamento de Sementes (TIR)	Mineiro	Paulo, Paulo, Anselmo, Ednel
187.4	9.37	GRÃOS 09 - Planta de Extração de Óleo (TIR)	Paulo Bortolin	Vicente, Mineiro e Anselmo
182	9.10	GRÃOS 07- Fomento de Áreas de Produção de Amendoim	Paulo Henn	Marta, Ednel, Dedé
180.5	9.03	GRÃOS 08- Programa de Pesquisa de Amendoim (Estação Exp.)	Paulo Henn	Marta, Amauri, Pablo
177	8.85	GRÃOS 12- Projeto de Redução de Custos de Produção no Campo	Amauri	Paulo Henn, Ednel e Guilherme
167	8.35	GRÃOS 03 - Novo Armazem a Granel para Amendoim Casca (TIR)	Vicente	Mineiro, Paulo Bortolin, Jarbas e Matheus
151.5	7.58	GRÃOS 06- Adequação do Regime de Trabalho (TIR)	Gustavo	Marta, Mineiro, Mirela, Fernando e Almir
106.5	5.33	GRÃOS 05- Aumento da Capacidade de Blancheamento (TIR)	**Chico	Cesar, Vicente, Rafael Peixinho, Mineiro e Paulo Bortolin
100.5	5.03	GRÃOS 11 - Fabricação de Pasta de Amendoim (TIR)	**Chico	Cesar, Vicente, Rafael Peixinho, Mineiro e Paulo Bortolin
70	3.50	GRÃOS 10 - Projeto de Geração de Energia com a Casca (TIR)	**Paulo Bortolin	Vicente, Mineiro e Anselmo
TOTAL	MEDIA		LIDER	EQUIPE
200	10.00	SILOS 02 - Troca do Secador de Soja por Novo com Capacidade 60t/h	Vicente	Paulo Bortolin, Paulo Henn, Dedé
200	10.00	SILOS 03- Reforma Geral do Secador de Milho com Peças da Soja	Vicente	Paulo Bortolin, Paulo Henn, Dedé
199	9.95	SILOS 01 - Prospecção de Novos Produtores, Tradings e Armazenadores	Paulo Henn	Fernando e Dedé
TOTAL	MEDIA		LIDER	EQUIPE
194.5	9.73	COMERCIAL 05 - Projeto Nova Loja da Filial de Jaboticabal (TIR)	Luiz Torquato	Ednel, Mirela, Cesar e Dagmar
183.5	9.18	COMERCIAL 01 - Projeto Filial de Minas Gerais (TIR)	Ricardo	Luiz Torquato, Ednel, Mirela e Marcos Minari
180.5	9.03	COMERCIAL 07 - Projeto de Segmentação Estratégica	Luciana	Juliana, Ednel e Marcelo, Fião e Mirela
180.5	9.03	COMERCIAL 08 - Projeto de Grandes Grupos e Empresas de Insumos	Ednel	Rodolfo, Luciana e Marcelo
180.5	9.03	COMERCIAL 09 - Projeto Conhecimento de Fidelização de Cooperados	Juliana	Marta, Luciana, Regiane, Fião, Mirela e Ednel
180	9.00	COMERCIAL 04 - Projeto Filial de Insumos Pecuários (TIR)	Gustavo Vilela	Luciano, Luiz Torquato, Cesar
178	8.90	COMERCIAL 06 - Projeto Centro de Educação Socio Ambiental	Amauri	Igor, Marta, Regiane e Pedro Sgarbosa
176.5	8.83	COMERCIAL 02 - Projeto Filial de Monte Aprazível (TIR)	João Lourenção	Ednel, Luiz Torquato e Eduardo Pacífico
159.4	7.97	COMERCIAL 03 - Projeto Filial de Batatais (TIR)	Marcelo	Edvaldo, Marquinhos
TOTAL	MEDIA		LIDER	EQUIPE
200	10.00	ADMFIN 02 - Programa de Desenvolvimento de Lideranças, Sucessão	Gustavo Chioda	Mirela, Tamiris
200	10.00	ADMFIN 03 - Melhoria da Gestão Orçamentária	Dirson	Rafael, Mirela e Stella
199	9.95	ADMFIN 04 - Escrever Normas e Procedimentos, Políticas e Manual	Rafael	Dirson e Comitê Gestor
178.5	8.93	ADMFIN 05 - Inteligência Analítica de Informações	Flávio	Fião, Junior, Mirela, Chico e Ednel
177	0 60	ADMEIN 01 Departure de Adequação de Site Contant	Iuliana Marata	Dodge Besiene Cião e Misole















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## 3. Implementation Method: Committee

Who are they: oganization members and possible external agents

 Definition of responsibilities of the Steering Committee and of the Project Coordinator.

#### Management/Steering Committee:

- Defined by the controllers
- Small decision-maker group
- Project's evaluation and adjustment forum
- Monthly meetings
- Company management routine



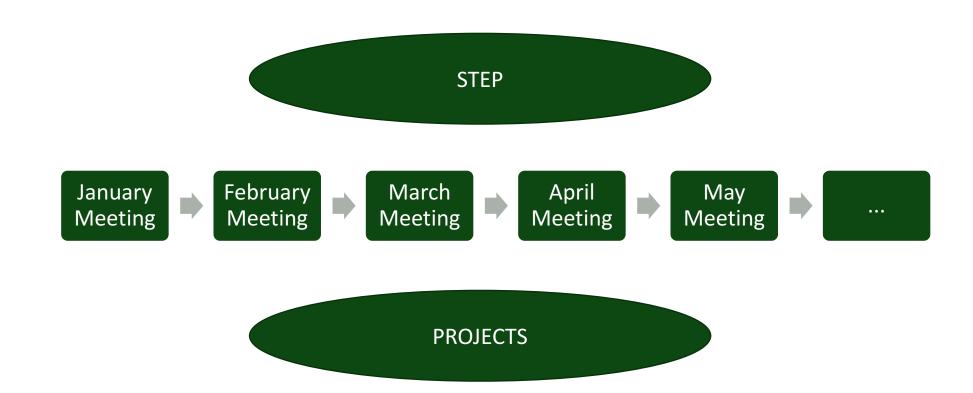








## 3. Strategic Management Meetings













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## 4. Implementation Process

#### Initialization

Recognize that the project should begin and commit with it. Authorization to initialize.



Finish and formalize project closure.

#### **Planning**

Plan and develop an action plan. Review of objectives and actions. Definition of team responsibilities.



#### Control

Monitoring and evaluation of activities. Track the performance and progress, and make refinements when needed.

#### Execution

Involves coordination of people and resources for compliance with the proposed actions and activities.











## 4. Project Management Control Tool

Project actions	Responsible person	Deadline

Source: Developed by the author.

Table 12.5 Project management control tool.







## 4. Tools for Plan Management

- For management and tracking of plan's execution, several tools may be used, varying with the complexity of the plan, nunmber of projects, resources that the organization owns, the team knowledge on project management tools, and the level of control wanted.
- Some tools that can be used vary from simple or customized Excel spreadsheets to project management softwares (online and offline).
- Some examples of softwares that are used for managing projects:
  - Oracle Primavera
  - Microsoft Project
  - Deskaway
  - jxProject
  - GanttProject
  - OpenProj
  - Project Planner

- Project Engine Personal
- Streber
- Eventor
- Go Plan
- Wrike
- Project2Manage
- Task Juggler

- Open Workbench
- Planner
- NB Projet
- Tutos
- OmniPlan
- Planner
- DotProject











4	A B C D E F G H	I J K	L M N
2	Markestrat*		
3	value generation		
4			
5	Plano Estragégico "Empresa	a X"	
	PROJETO	EQUIPE	
7 8	1 . Nome do Projeto	Comp	onente das Equipe
	OBJETIVOS	COORDENADOR(A)	
	Objetivos	Coord	denador do projeto
12 13		INDICADORES DE DESEN	
14		quais os principais inc	dicadores de performance do projeto
	ESCOPO		
16 17			
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	PRODUTOS FINAIS		
22			
23		<u>-                                    </u>	
	PRINCIPAIS ATIVIDADES/AÇOES	Prazos	Responsável
	A) OPERACIONAL		
	atividade 1		resposável pela atividade 1
	atividade 2 atividade 3		resposável pela atividade 2 resposável pela atividade 3
29	atividade 5		resposaver pera attividade 5
	B) ESTRATÉGICO		
	atividade 4		resposável pela atividade 4
	atividade 5		resposável pela atividade 5
	atividade 6		resposável pela atividade 6
34			
25	1		ı









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## 4. Management and Control

#### **Questions:**

- Company is heading the right direction?
- The main resources are allocated where it should?
- External environment variables and trends are still valid or should be reviewed?
- Critical activities are being developed?
- Strategic guidelines need to be adjusted or rebuild?
- Progress has been made until now?
- Objectives and timelines are being fulfilled?
- Method adjustments are necessary?

#### > Strategic control

- Preliminary: prevent possible mistakes and deviations;
- Simultaneous: events and process monitoring according to its development, problem correction when it appears;
- Feedback: disclosure of achieved results and performance indicators of strategic projects and objectives.









## AgroBio 2016-2018 Strategic Map

#### **VISION**

Be a world reference in industry representation, defending the biotechnology development on production chain and in value generation in Brazilian agribusiness.

#### **OBJETIVOS**

Acting in the development and defense of biotechnology applied to agribusiness, representing its associates in legal and regulatory issues, providing a legally safe environment.

To act in the improvement of the legal and regulatory environment maintaining interface with regulatory governmental bodies

Strengthen relationships with other entities related to the sector aiming at the defense of biotechnology in Brazilian and world agribusiness

Communicate in an efficient and educative way in order to raise the awareness of the public on issues related to biotech in agribusiness

Improve the association's internal environment for better results and performance

Acting internationally, coordinating approvals and maintaining good relationships with international agents in biotechnology

#### **MISSION**

To act in the improvement of a functional regulatory structure and in obtaining a legally safe environment for the development of biotechnology applied to the sustainable production of food, bioenergy, wood and fiber.

#### STRATEGIC GUIDELINES

#### **Regulatory and Legislative**

- 1. CTNBio and Regulatory Issues
  - 2. Judicial Actions
- 3. Legislative and Executive Environment

#### Relationship



- 4. Industry Representation and Relationship
  - 5. Trading and FTO

#### **Internal Environment**



- 6. Operational and Statutory Issues
- 7. Growth Strategies

#### **Strategic Issues**



8. Strategic Intelligence



**PROJETCS** 





















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## 5. Barriers in Implementing

- Lack of understanding about planning and strategy concepts by the participant;
- Not anticipating problems and conflict of priorities;
- Finding key volunteer leaders with motivation;
- Inadequate leadership ability among leaders;
- Lack of discipline/motivation of members and organizations;
- Political and cultural issues within participants;
- Poor team integration;
- Different agents seeking their own objectives;
- Allowing some to believe they are owners of the collective;
- Lack of understanding and clarity of goals and objectives;
- Lack of established indicators to be monitored;
- Lack of standards for implementation;
- Not creating a simplified version of the detailed plan for internal communication (an executive manner).

Source: elaborated by Markestrat from O'Regan and Ghobadian (2002)









Difficulties in Planning Implementation	Mitigation (how to reduce?) (source: Prof. Marcos Fava Neves)
1. Insufficient human resources (minimal)	Contratar pessoal; Trocar pessoal; Terceirizar projetos.
2. Political and Cultural issues (oppositions)	<ul> <li>Hability to recognize and change it (lobbying and politics); Create status positions.</li> </ul>
3. Divergent goals	Understand, seek for common gorund; Listen to everyone.
4. Perception of a "top/down" process	<ul> <li>Since the beginning, promote participation (questionnaire, sugestion boxes, intranet, breakfasts) – They all should fell they are "parents" of the plan.</li> </ul>
5. Demotivation over time	Stimulating monthly meetings, rewards and incentives.
6. Loose relevance and tune	<ul><li>Always update STEP analysis.</li><li>Keep the whole vision of the project at each meeting.</li></ul>
7. Lack of discipline and order	Implement strategic management meetings
8. Lack of leadership	Choose wisely the project leader; train people.
9. Lack of standards	Create chart, tables and slides templates.
10. Poor governance	Ethical standards; consensus and clear rules.
11. Poor communication	Constantly communicate entire organization
12. Low implementing will	Stimulus; gather those who make it happen.
13. Lack of resources	IPO, fundings, credit.
14. Aversion to risk and conservatism	Broad process of convincing, testimonials.
15. Lack of technologies and other resources	Internal development and resource's flexivility.





## **Important Aspects for the Effective Implementation of the Strategic Plan**

Component	Specific Tasks
Build an organization that is	> Create an organizational structure of support for the strategy.
capable of executing the	> Develop abilities and distinct competencies on which strategy is based.
strategy	> Select people for key positions.
Establish a budgetary support	> See that each organizational unit has a budget to conduct its part of the strategic plan.
strategy	> Make sure that resources are being used efficiently.
Construct internal management	> Establish and administrate policies and procedures which facilitate the strategy.
support systems	> Develop management and operational systems to provide critical capacities to the
	organization's strategy.
Distribute prizes and incentives	Motivate organizational units and individuals to carry out the strategy.
that are strongly connected to	> Designate prizes and incentives that lead to the employee's desired performance.
the objectives and strategy	> Promote orientation to results.
Mould corporate culture to	> Establish shared values.
adjust to the strategy	> Define ethic standards.
	> Create a work environment that supports the strategy.
Exercise strategic leadership	> Lead the process of creating values, modeling culture and motivating the creation of the
	strategy.
	➤ Keep the organization innovative, responsive and alert to market opportunities.
	> Lead strategy policies, creating consensus.
	> Reinforce ethical and behavioral standards.
	> Initiate corrective actions to improve the strategy's execution.

Source: Thompson and Strickland, 1990.

Table 12.1 Important aspects for the effective implementation of the strategic marketing plan and the planning process as a whole.







