



## **The University of Tabuk**

### **Faculty of Engineering**

### **The Second Strategic Plan**

#### **Executive Summary:**

The Faculty of Engineering created an action team to draft the second strategic plan of the Faculty. The action team prepared a realistic visualization of the plan that relies on facts, scientific methodologies, the current situation of the faculty and internal as well as external environmental data. The plan was meant to achieve the Faculty strategic goals and contribute to the realization of the Kingdom 2030 Vision.

According to the strategic plan, the Faculty of Engineering is committed to develop Engineering education and assure its quality. The Faculty focuses on utilizing the latest technology of educational resources and recruiting distinguished and qualified faculty members in order to enhance students' knowledge and skills. The Faculty strategic plan drew a road map for the tasks of leadership and affiliates at the Faculty of Engineering that seeks distinction in education. The Faculty tries to build partnerships with the community and focuses on scientific research in areas of interest for knowledge economy and sustainable development.

The current strategic plan commenced from the contents of Faculty vision and mission. The vision of the Faculty ensured distinction in education by offering advanced and accredited academic programs in Engineering on both the local

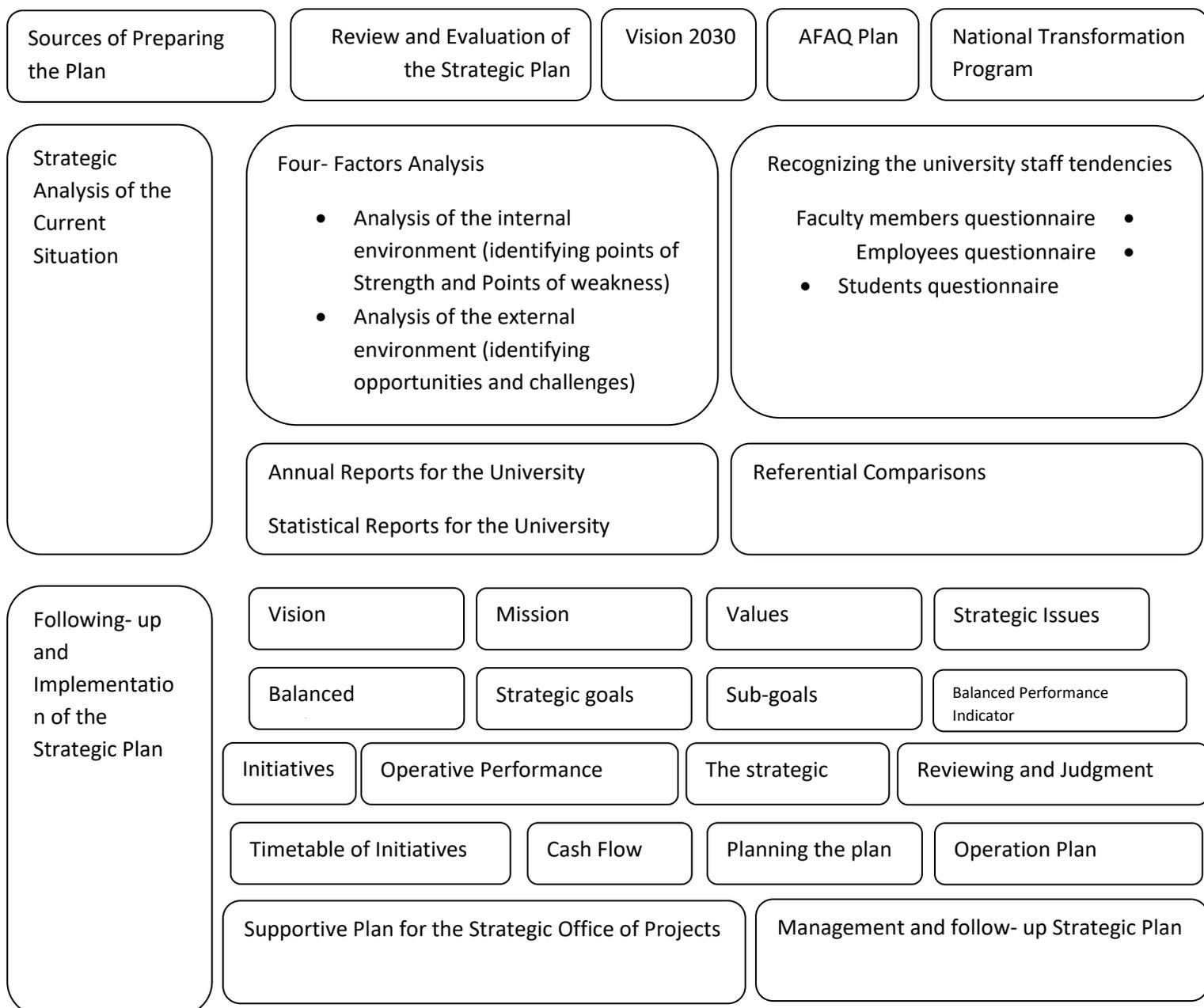
and international levels. It also offers innovative research that contributes to the knowledge community. The mission of the Faculty indicated a commitment to the international standards of distinction and quality in education, scientific research and community service by providing educational and research services that meet the needs of the community and local as well as regional labor markets. The Faculty also supports applied scientific research that contributes to the development of the local community and knowledge economy. In addition, the Faculty aims at building fruitful partnerships and relationships with the community organizations and individuals. To realize the Faculty vision and mission, the Faculty strategic plan provided a general description of the strategic issues and Faculty priorities. The plan drew general orientations in the form of feasible and measurable strategic goals. The strategic orientations of the Faculty are:

- To be distinguished in teaching and learning;
- To develop scientific research;
- To contribute to the community service;
- To build a motivational and attractive academic environment;
- To develop the administrative and financial systems: and
- To diversify funding resources.

What makes this plan special is that the action team relies on involving Faculty affiliates and the local community individuals in the strategic planning process.

This can be achieved through workshops, discussion panels, questionnaires, beneficiaries' feedback, and appendixes.

## The Methodology of Drafting the Strategic Plan:



## **Faculty of Engineering Strategic Plan Sources:**

The faculty of Engineering Second Strategic Plan relied on several recourses:

### **1- Reviewing and evaluating the Faculty First Strategic plan.**

The reviewed results of the aspects, goals, programs, and strategic plan indicators are important inputs for the strategic plan. Reviewing and evaluating the achievement percentage of the first strategic plan for the Faculty is considered as an important source for the second strategic plan. This review reflects the factual development and achievement of the Faculty of Engineering in its various educational areas. Moreover, the result of this evaluation reflects the points of weakness and the causes of not achieving the expected outcomes in any educational area.

### **2- The University Strategic Plan.**

The Second Strategic Plan of the of the University of Tabuk relied on a number of resources such as reviewing and evaluating the first strategic plan of the University, The Kingdom (Vision 2030), The National Transformation Program, and Future Plan for Higher Education (AFAQ).

### **3- SWOT Analysis.**

## **Distinguished Engineering Faculties:**

### **a) Referenced Comparisons:**

- Internal referenced comparisons within the Faculty.
- Referenced Comparisons among different departments
- Referenced comparisons with departments at local and international departments.

### **b) Model Engineering Faculties at Distinguished Universities:**

- Faculty of Engineering at King Saud University, Kingdom of Saudi Arabia.
- Faculty of Engineering at Michigan University, United States of America.

## **Important Strategic Issues:**

### **Important Strategic Issues for the Faculty of Business**

#### **Administration:**

1. Improving learning outcomes to prepare graduates to compete in the labor market.
2. Improving the quality of academic programs.
3. Increasing the Faculty capacity to meet the needs of applicants.
4. Improving the quality of scientific research at the faculty.

5. Improving the services provided by the Faculty to the community.
6. Building partnerships with community organizations and individuals.
7. Develop the infrastructure at the faculty though supporting faculty learning resources and facilities.
8. Enhancing the effective administration at the faculty through applying governance standards at the Faculty.
9. Recruiting qualified faculty members.
10. Developing the administrative staff at the Faculty.
11. Diversifying the funding resources at the Faculty.

### **Faculty Vision, Mission, and Values:**

#### **Vision:**

"A distinguished and pioneering college locally and internationally in the field of engineering education, innovative research, and building a knowledge society"

#### **Mission:**

"To graduate qualified engineers in accordance with the International Academic Standards and prepare them to meet the changing needs of society. These graduates will be able to compete locally and internationally. The Faculty of Engineering

is committed to providing excellent education and pursuing relevant scientific research and partnership with industry and governmental societies"

### **Values:**

- Quality and Distinction
- Teamwork Spirit
- Innovation and Creativity
- Transparency and Accountability
- Initiation and Productivity
- Loyalty and Affiliation
- Integrity and Respect
- Leadership and Taking Responsibility
- Social Responsibility

### **Faculty of Engineering Strategic Goals:**

1. Provide distinguished academic Education that meets the needs of the labor market.
2. Conduct innovative research to contribute to the knowledge-based economy.
3. Contribute effectively to the sustainable development and community service.

4. Provide motivational and attractive environment.
5. Develop an effective administrative and organizational environment at the Faculty.
6. Provide innovative financial resources.

### **Strategic Goals, Sub-Goals, and Initiatives:**

Strategic Goals	Sub-Goals	Initiatives
1-Provide distinguished academic Education that meets the needs of the labor market.	Develop programs, plan, and courses	Periodic review of programs and study plans in the light of the labor market needs
	Gain accreditation for the Faculty programs from national and international commissions	

	Offer precautions and enhancement programs to support students' abilities	Training and developing engineers to cope with the Kingdom 2030 Vision
	Improve the teaching and learning environment	Developing the skill of Faculty members
		Developing a competitive academic environment that supports distinction in the educational process
2-Conduct innovative research to contribute to the knowledge-based economy.	Create a system to encourage distinguished researchers	Creating a hub for sustainable and innovative engineering artificial intelligence
	Meet the research needs of the local and regional community	
3-Contribute effectively to sustainable development and community service.	Prepare and offer programs that contribute to the community service	Utilizing the University capabilities efficiently to save the environment
	Enhance the participation of the faculty in the sustainable development	

	Build fruitful partnerships with the community	
	Encourage Faculty affiliates to do voluntary jobs	Implementing voluntary jobs to serve the community
4-Provide a motivational and attractive environment.	Develop the Faculty facilities	Periodic maintenance of buildings and facilities at the Faculty
	Support and develop projects and information technology programs	Electronic transformation of Faculty services
	Develop the infrastructure of all Faculty facilities	Preparing a suitable environment for the educational process
	Develop services provided to faculty affiliates	Developing the services offered to the faculty affiliates
5-Develop an effective administrative and organizational environment at the Faculty.	Enhancing the governance and transparency fundamentals at the Faculty	Supporting the organizational and positive academic culture at the Faculty
	Effective administrative development of the Faculty departments and units	Developing and improving the level of Faculty employees
6-Provide innovative financial resources.	Diversify the Faculty funding resources	Promoting for the educational and training services of the Faculty and offering new educational programs
	Improving the financial efficiency	Rationalizing expenditure
		Educating Faculty affiliates about the importance of public money and how to save it

## **Strategic Plan Implementation Requirements:**

1. Establishing a committee to draft and follow up on the implementation of the Faculty strategic plan.
2. Establishing the executive committee to follow up on the implementation of the Faculty strategic plan.
3. Holding workshops for all academic and administrative units at the Faculty to explain the plan.
4. Updating the strategic plan for all Faculty departments to support the implementation of plan initiatives.
5. Determining the priorities of expenditure of Deanship budget to support the implementation of the plan initiatives.
6. Working on spreading the organizational and academic culture of change in accordance with the strategic plan.
7. Allocating time and effort of all Faculty departments to execute the plan initiatives.
8. Developing an electronic system to follow up on the implementation and plans of the Faculty departments.
9. Continuous evaluation of plan goals and initiatives.

## **Resources Planning to Achieve Strategic Goals:**

The budget allocated by the Ministries of Finance and Education is considered the main financial support for the University since Tabuk University is financed by the government. Therefore, The University of Tabuk efficiently use these current resources and find new financing resources in order to compete with top universities in the Kingdom of Saudi Arabia. The Faculty of Engineering has to determine the priorities of expenditure for projects that support the strategic plan through its vision, mission, and values by doing the following:

- Expenditure must be managed in accordance with the University Strategic Plan.
- Best use the current resources through:
  - Integrate administrative units and coordinate among them.
  - Support research activities by external funders.
  - Find alternative funding resources by investing in combined projects.
  - Apply Governance standards such as transparency, accountability, and teamwork.