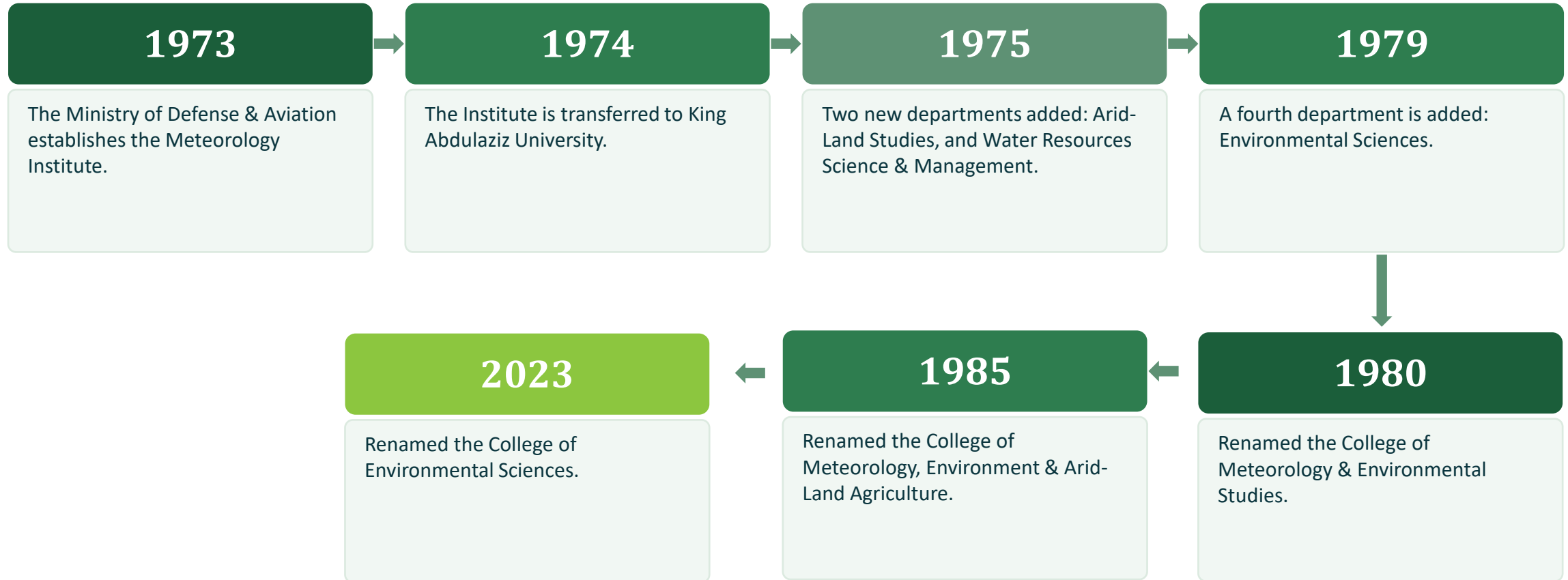


كلية العلوم البيئية

Faculty of Environmental Sciences



Historical Background



Vision, Mission & Values



VISION

Regional leadership in the environmental sciences.



MISSION

Preparing distinguished academic and research professionals to serve society.

Core Values



Sustainability



Partnership



Collaboration



Professionalism



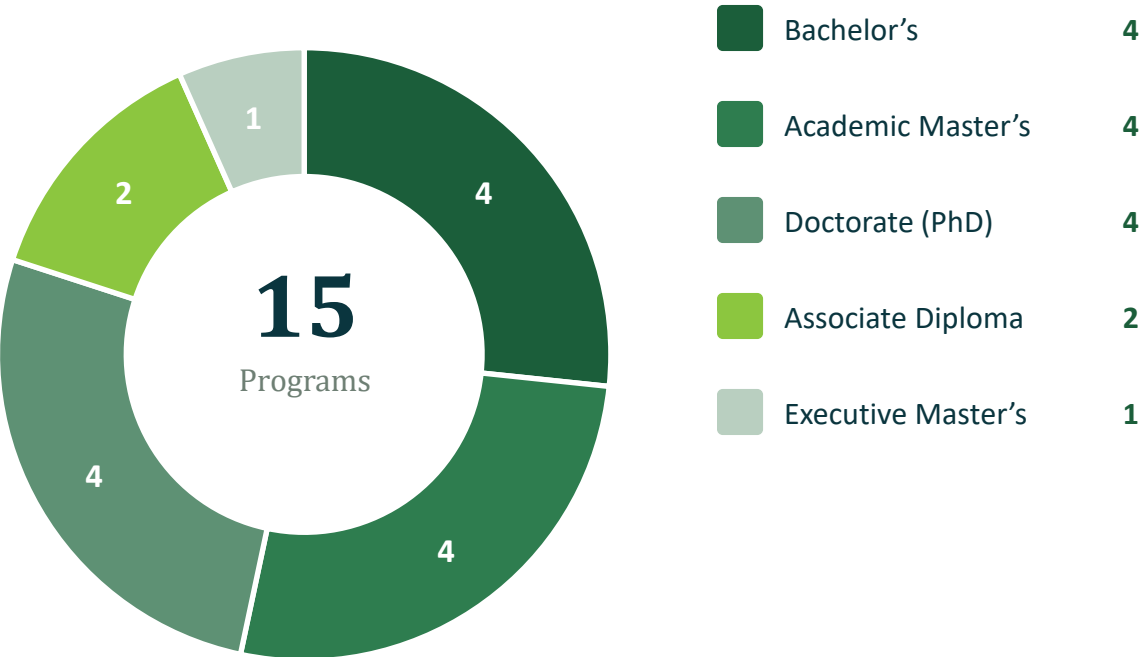
Belonging



Innovation

About the Faculty

Academic Programs



Faculty Departments

4 Scientific Departments



Department of Meteorology



Department of Agriculture

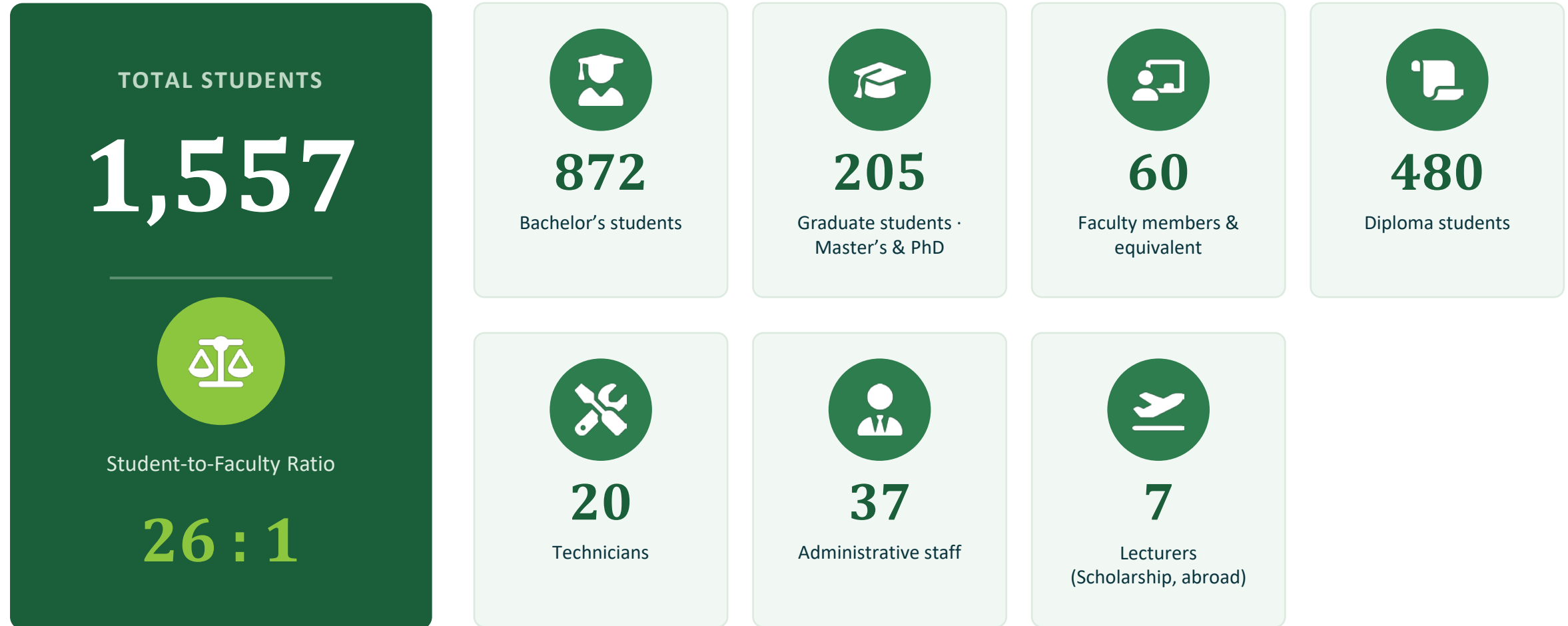


Department of Environment



Department of Water Resources

Faculty Members, Staff, & Students



Strategic Components of the Plan



VISION

Regional leadership in the environmental sciences.



MISSION

Preparing scientifically and research-distinguished cadres to serve society.

VALUES



Sustainability



Partnership



Collaboration



Professionalism



Belonging



Innovation

Strategic Components of the Plan



The Namaa plan at a glance



5

Strategic Objectives



5

Plan Pillars



27

Performance Indicators



21

Initiatives

Five strategic pillars, each with one objective, delivered through 21 initiatives and tracked by 27 performance indicators to 2030.

Alignment with Saudi Vision 2030



The faculty plan is directly aligned with the objectives of Saudi Vision 2030:



Faculty Plan Pillars

Educational System

Performance indicators 1–5

Research & Innovation

Performance indicators 6–12

Community Responsibility

Performance indicators 13–17

Management & Governance

Performance indicators 18–21

Self Financial Resources

Performance indicators 22–29

Saudi Vision 2030 — Detailed Objectives

4.1 Develop human capital for labour-market needs

Detailed objective 4.1.6

2.4 Ensure environmental sustainability

Detailed objectives 2.4.1, 2.4.2, 2.4.3

6.1 Raise citizens' sense of responsibility

Detailed objective 6.1.2

5.2 Improve government-body performance

Detailed objectives 5.2.2, 5.2.3

5.1 Achieve general budget balance

Detailed objective 5.1.3

Alignment — National Environmental Strategy



وزارة البيئة والمياه والزراعة
Ministry of Environment Water & Agriculture

The plan supports the pillars of the Kingdom's National Environmental Strategy, led by:

Faculty Plan Targets

Applied research contributing to national food security

Applied research contributing to national water security

Applied research contributing to environmental sustainability

Applied research contributing to conserving natural resources & their sustainability

Student graduation projects addressing community issues

National Environmental Strategy



Preserving ecosystems & natural resources



Sustainable economic growth for development sectors



Sustainable consumption & production



Civil society's contribution to environmental protection

Alignment — Sustainable Development Goals



Faculty Plan Targets

Applied research contributing to climate-change adaptation & mitigation

Applied research contributing to conserving natural resources

Applied research contributing to environmental sustainability

Applied research contributing to national water security

Applied research contributing to national food security

Contributing to the SDGs



2

ZERO HUNGER

6

CLEAN WATER
AND
SANITATION

12

RESPONSIBLE
CONSUMPTION
AND
PRODUCTION

13

CLIMATE
ACTION

14

LIFE BELOW
WATER

15

LIFE ON LAND

Strategic Pillars & Objectives



Educational System

Enhancing the quality of the educational process in line with labour-market needs



Research & Innovation

Focusing on applied research that contributes to the targets of Saudi Vision 2030



Community Responsibility

Building effective community partnerships



Management & Governance

Developing performance and the optimal investment of resources



Self Financial Resources

Creating and enhancing opportunities to invest financial resources

Strategic Initiatives



Pillar: Educational System

Objective: Enhancing the quality of the educational process in line with labour-market needs



INITIATIVES

Develop mechanisms that link student graduation projects to entrepreneurship and community issues

Introduce new educational programs that meet labour-market needs

Achieve national program accreditation for all faculty programs

Develop educational programs to keep pace with labour-market needs and scientific advancement

Renew international accreditation for all bachelor's and master's programs

Develop the vocational, field, and cooperative student-training system

Strategic Initiatives



Pillar: Research & Innovation

Objective: Focusing on applied research that contributes to the targets of Saudi Vision 2030



INITIATIVES

Enhance the scientific use of the Huda Al Sham Agricultural Research Station

Enhance the quality of scientific publishing drawn from theses

Enhance the overall quality of scientific research

Activate discussion seminars for graduate students and faculty members

Increase applied research in national-priority areas



Strategic Initiatives



Pillar: Community Responsibility

Objective: Building effective community partnerships



INITIATIVES

Participate in all national and environmental occasions and events

Build partnerships with relevant entities to achieve community sustainability

Enhance volunteering awareness among students and staff

Strategic Initiatives



Pillar: Management & Governance

Objective: Developing performance and the optimal investment of resources



INITIATIVES

Train the faculty's technical and administrative staff and develop their skills

Develop the faculty's website

Renew international quality certifications across the faculty's sectors

Strategic Initiatives



Pillar: Self Financial Resources

Objective: Creating and enhancing opportunities to invest financial resources



INITIATIVES

Enhance the self-revenue of the Huda Al Sham Agricultural Research Station

Activate houses of expertise (consultancy units)

Offer paid specialized programs



Plan Targets to 2030



Pillar: Educational System

Objective: Enhancing the quality of the educational process in line with labour-market needs

#	Performance Indicator	Baseline	2025	2026	2027	2028	2029	2030	Responsibility
1	Graduate employment rate within 6 months of graduation	62%	70%	80%	85%	90%	90%	90%	Graduates Unit
2	Educational programs with national academic accreditation	0%	100%	100%	100%	100%	100%	100%	Development & Quality Unit
3	Educational programs with international academic accreditation	100%	100%	100%	100%	100%	100%	100%	Development & Quality Unit
4	Graduation projects that support student entrepreneurship	5%	10%	15%	25%	35%	45%	55%	Academic Departments
5	Graduation projects that address community issues	30%	35%	40%	45%	50%	50%	50%	Academic Departments



Plan Targets to 2030



Pillar: Research & Innovation

Objective: Focusing on applied research that contributes to the targets of Saudi Vision 2030

#	Performance Indicator	Baseline	2025	2026	2027	2028	2029	2030	Responsibility
6	Applied research in national-priority areas	143	160	180	200	220	230	250	Academic Departments
7	Faculty publication rate (incl. 1 indexed paper)	1:2.5	1:3	1:3	1:3	1:3	1:3	1:3	Academic Departments
8	Share of publications in Q1 journals (of total)	15%	35%	40%	45%	55%	60%	65%	Academic Departments
9	Share of thesis publications in Q1 & Q2 journals	5%	25%	30%	35%	40%	45%	50%	Academic Departments
10	Researchers in the global top 2%	7	7	7	7	8	8	8	Academic Departments
11	Faculty members with local & international awards	6	8	9	10	11	13	15	Academic Departments
12	Number of patents	2	2	2	2	3	3	3	Academic Departments
13	Theses supported by the Huda Al Sham Research Station	25	39	50	65	80	95	120	Agriculture Dept



Plan Targets to 2030



Pillar: Community Responsibility

Objective: Building effective community partnerships

#	Performance Indicator	Baseline	2025	2026	2027	2028	2029	2030	Responsibility
14	Global community-partnership initiatives	0	2	2	2	2	2	2	Academic Departments
15	Training programs & workshops for the local community	7	8	9	9	10	10	10	Agriculture Dept
16	Scientific consultations provided to the community	5	8	10	15	20	25	30	Academic Departments
17	Staff participation in volunteering activities	20%	25%	40%	55%	70%	80%	90%	Community Service Unit
18	Student participation in volunteering activities	10%	25%	45%	55%	70%	80%	85%	Community Service Unit

Plan Targets to 2030



Pillar: Management & Governance

Objective: Developing performance and the optimal investment of resources

#	Performance Indicator	Baseline	2025	2026	2027	2028	2029	2030	Responsibility
19	Renewal of ISO quality accreditations (9001, 14001, 45001, 17025)	0%	100%	100%	100%	100%	100%	100%	Faculty Admin Director
20	Increase in faculty-website visitors	Under development	5%	5%	5%	5%	5%	5%	Faculty Admin Director
21	User satisfaction with the faculty website	Under development	65%	70%	75%	80%	85%	90%	Faculty Admin Director
22	Administrative & technical staff receiving training	70%	90%	100%	100%	100%	100%	100%	Faculty Admin Director



Plan Targets to 2030



Pillar: Self Financial Resources

Objective: Creating and enhancing opportunities to invest financial resources

#	Performance Indicator	Baseline	2025	2026	2027	2028	2029	2030	Responsibility
23	Active paid educational programs	2	3	4	4	5	5	6	Academic Departments
24	Revenue from paid specialized programs (SAR m)	1.16	2.21	2.5	3.5	4	4	4	Academic Departments
25	Revenue from paid consulting & research services (SAR m)	0.05	0.1	1	2	2	3	4	Academic Departments
26	Revenue from paid training courses (SAR m)	0.05	0.1	1	2	2	3	4	Environment Dept
27	Revenue from surplus research outputs at Huda Al Sham (SAR m)	0.10	0.1	0.5	1	2	2	3	Agriculture Dept
Total faculty revenue to 2030 (SAR m)		3.36	5.51	9	12.5	15	15	21	Faculty Admin Director