IAU GLOBAL SURVEY ON HESD 2016

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International Association of Universities
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IAU ABC STRATEGY ON HESD

- ➤ Advise & Advocate
- ➤ Build Synergies & Network
- ➤ Communicate & Convene
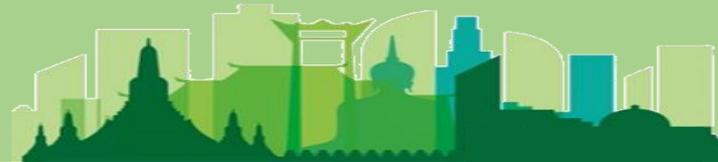
IAU GLOBAL SURVEY ON HESD

Purpose

➢ Connect with IAU Members
➢ Research and analyze what their approaches are to SD
➢ Determine how IAU can exchange and enhance such initiatives, but also help its Members develop new ones
➢ Advocate for HESD worldwide

Scope

➢ *Focused on IAU Members, but open to other HEIs*

First edition of the IAU HESD Global Survey

➢ Developed by the IAU HESD team

➢ Opened from June to October 2016

➢ Available online in English and French

➢ 120 responses in total *(97% from IAU Members)*
   The number of respondents for each question is visible (answered vs skipped)

➢ 18% of our Members participated

➢ All continents represented

Q2 Location(s) of HEI

Answered: 120   Skipped: 0
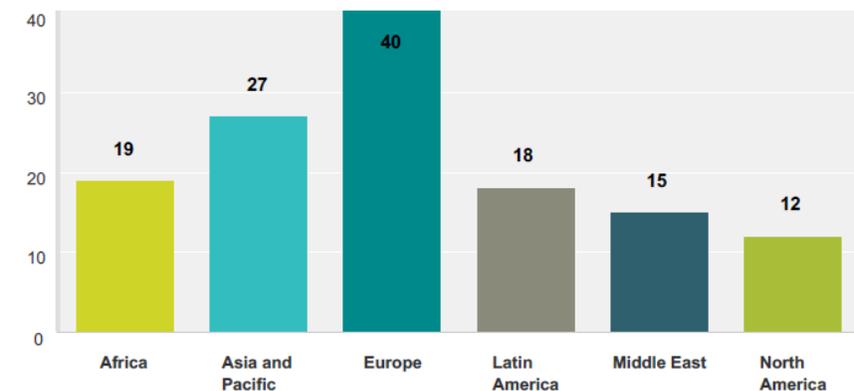
	Africa	Asia and Pacific	Europe	Latin America	Middle East	North America
	19	27	40	18	15	12

Prioritize the goals your HEI is working on:

Disciplinary approach:

Answered: 88   Skipped: 32

	Transdisciplinary	Disciplinary	A combination of both
Ending Poverty	36.36%	20.00%	43.64%
Ending Hunger	37.25%	25.49%	37.25%
Good health and well-being	38.71%	22.58%	38.71%
Quality education	27.85%	12.66%	59.49%
Gender equality	27.12%	18.64%	54.24%
Clean water and sanitation	27.78%	31.48%	40.74%
Clean energy	29.82%	26.32%	43.86%
Work and Economic Growth	37.70%	21.31%	40.98%
Industry, Innovation	40.35%	19.30%	40.35%
Equal Countries	33.33%	33.33%	33.33%
Sustainable Cities	36.73%	12.24%	51.02%
Consumption and Production	27.91%	30.23%	41.86%
Climate Action	33.96%	22.64%	43.40%
Conserve Oceans	23.81%	47.62%	28.57%
Biodiversity	30.61%	28.57%	40.82%
Peace, Justice	31.58%	31.58%	36.84%
None of the above	50.00%		50.00%

Prioritize the goals your HEI is working on:

Structural approach:

Answered: 88   Skipped: 32

Ending Poverty — Individual professor 14.81% | Faculty/Department 25.93% | Whole of institution 31.48% | Several 27.78%

Ending Hunger — 12.24% | 38.78% | 16.33% | 32.65%

Good health and well-being — 3.28% | 47.54% | 24.59% | 24.59%

Quality education — 12.99% | 66.23% | 20.78%

Gender equality — 1.69% | 20.34% | 52.54% | 25.42%

Clean water and sanitation — 7.55% | 41.51% | 15.09% | 35.85%

Clean energy — 7.41% | 42.59% | 14.81% | 35.19%

Work and Economic Growth — 3.33% | 31.67% | 23.33% | 41.67%

Industry, Innovation — 7.14% | 21.43% | 35.71% | 35.71%

Equal Countries — 14.29% | 22.86% | 28.57% | 34.29%

Sustainable Cities — 2.08% | 33.33% | 20.83% | 43.75%

Consumption and Production — 12.20% | 34.15% | 17.07% | 36.59%

Climate Action — 11.54% | 32.69% | 23.08% | 32.69%

Conserve Oceans — 12.20% | 51.22% | 17.07% | 19.51%

Biodiversity — 4.08% | 44.90% | 12.24% | 38.78%

Peace, Justice — 1.75% | 49.12% | 24.56% | 24.56%

None of the above — 25.00% | 75.00%

Legend: Individual professor | Faculty / Department | Whole of institution | Several

Prioritize the goals your HEI is working on:

Dimensions:

Answered: 88   Skipped: 32
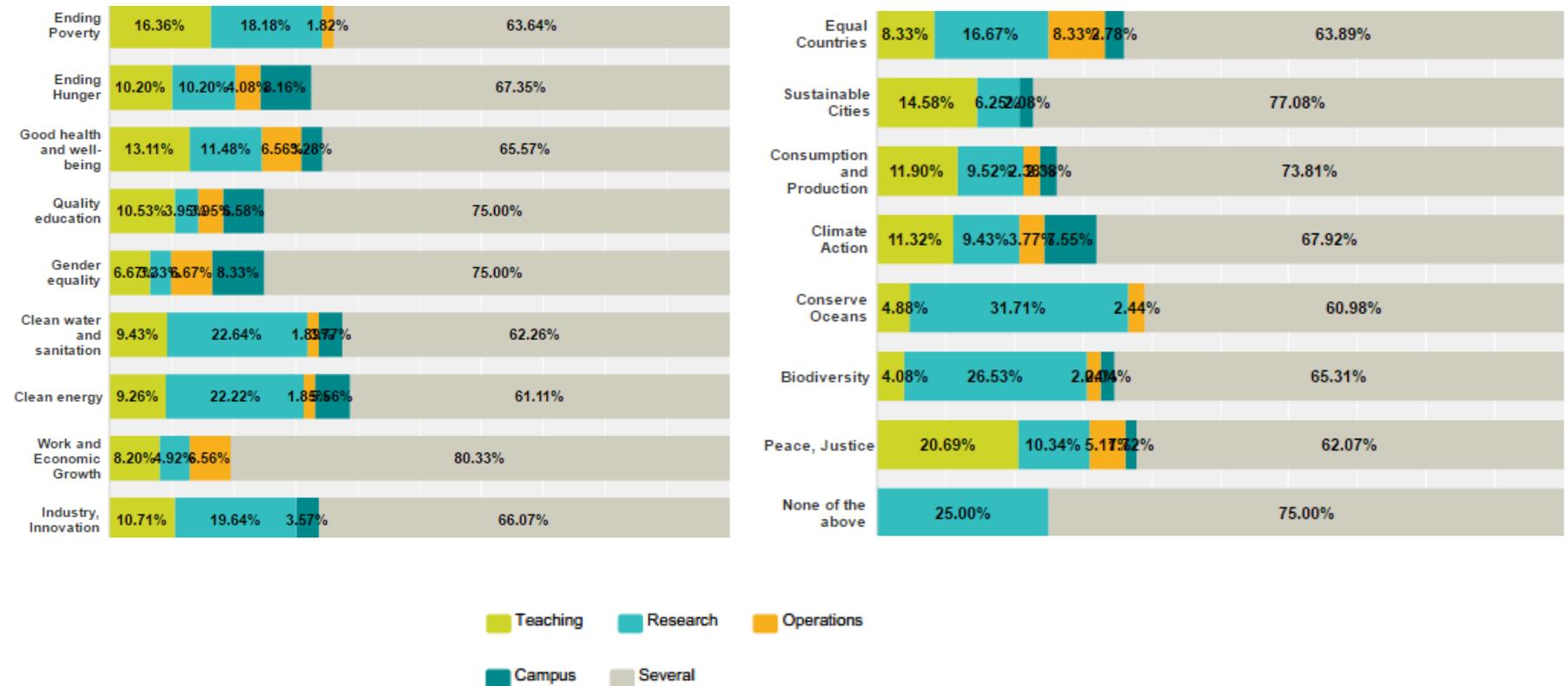
| | Teaching | Research | Operations | Campus | Several |

Please give us up to 3 examples of how you
work on the above topics

Answered: 74   Skipped: 46

Environment and Climate:
- *Several departments work on Climate; research varies from downscaling models to improve regional predictions to estimating disaster risk due to meteorological hazards and providing advice to the agricultural sector on adaptation to Climate Change. Also, UWI has a programme to increase energy efficiency and save energy on all its campuses (The University of the West Indies)*
- *Plastic Buster, Research project on marine litter in the Mediterranean (University of Siena)*
- *UiO:Energy an interdisciplinary initiative promoting the Development of sustainable energy systems within research, education and innovation (University of Oslo)*
- *Griffith University hosts the National Climate Change Adaptation Research Facility and the Australian Rivers Institute, both of which work internationally on environmental research and adaptation (Griffith University)*

Consumption and Production:
- *This month!, UOC is carrying out a series of initiatives to raise awareness amongst the university community about the universal right to food, the importance of not wasting food, improving nutrition and food security (Universitat Oberta de Catalunya (UOC))*

Please give us up to 3 examples of how you work on the above topics

Answered: 74   Skipped: 46

Quality Education and Research:
- *Creation of Graduate School of Global Food Resources and Graduate School of Global Infectious Disease (Hokkaido University)*
- *ELearning MasterClass on Sustainable Development. A collaboration with 4 partner universities in Malaysia and Australia under Connect-Asia, UNESCO Jakarta (Universiti Teknologi Malaysia (UTM))*
- *Large interdisciplinary research project on environmental management in coastal communities (Saint Mary's University)*
- *Teaching students on SD Research on ways to meet sustainable development goals Projects to alleviate poverty and hunger in collaboration with the community (Zimbabwe Open University)*

Peace, Justice:
- *Teaching and research in Peace Studies and received grant to develop a Peace Study program at the Master degree level (Siam University)*

Please give us up to 3 examples of how you work on the above topics

Answered: 74   Skipped: 46

Gender equality:
- *Host a gender and women's studies program, and minority programs that work on issues of gender and social equity (California State University, Northridge)*
- *Gender equality and inclusion are part of the policy platform of the current administration and are upheld campus wide. BUAP has received certification in gender equality (Benemerita Universidad Autonoma de Puebla (BUAP))*

Social commitment / social innovation:
- *A number of individual faculty involved in the Social Innovation "Collaboratory" to promote innovation in all areas (Fordham University)*
- *SWASTYAYAN, "A Commitment" is an initiative by some 100 students and faculty members. The project focuses on conducting tutorial classes for underprivileged children on the basis of their scholastic needs (Assam Don Bosco University)*

How much do you know about...

Answered: 88   Skipped: 32

	Nothing	Little	Medium	Very Knowledgeable
Agenda 2030?	11.36%	29.55%	43.18%	15.91%
SDGs?	7.95%	13.64%	42.05%	36.36%
ESD?	6.82%	19.32%	40.91%	32.95%
GAP?	20.45%	30.68%	39.77%	9.09%
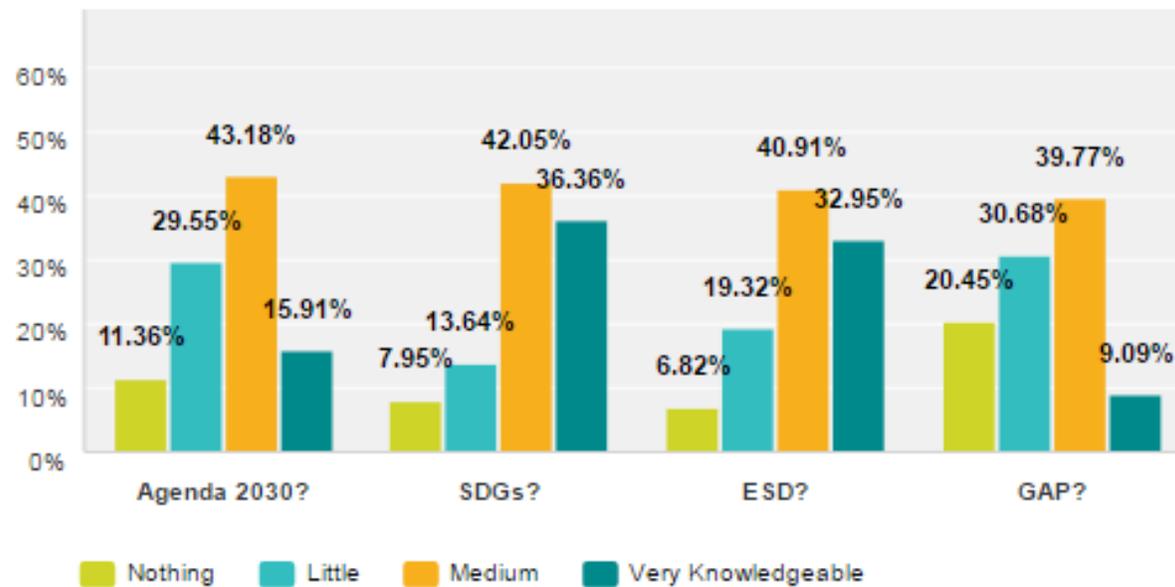
Are you familiar with the concept 'Whole Institution Approach'?

Answered: 88   Skipped: 32

Yes — 69.32%
No — 30.68%
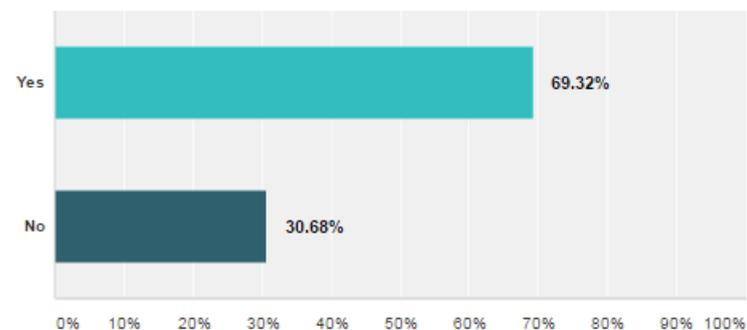
Has your HEI adopted a 'Whole Institution Approach'?

Answered: 88   Skipped: 32

Yes — 45.45%
No — 54.55%
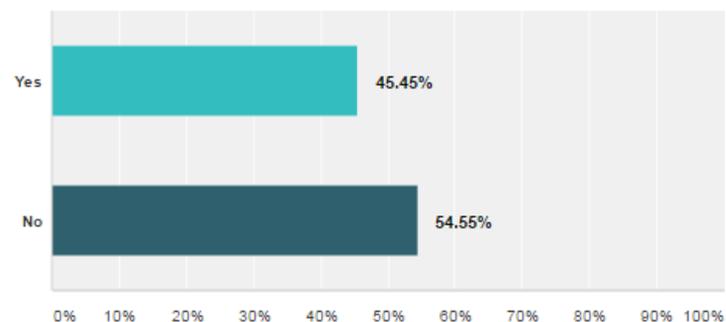
The **whole institution approach** can be described as:

« involving students, staff, faculty / educators, local citizens, community organizations and companies working together, to embed sustainability in curriculum, teaching and learning, governance, facility and operations, humans resources, community interaction and if applicable, research »

GAP, Partner Network 2

What is sustainable development for your HEI?

Answered: 81   Skipped: 39
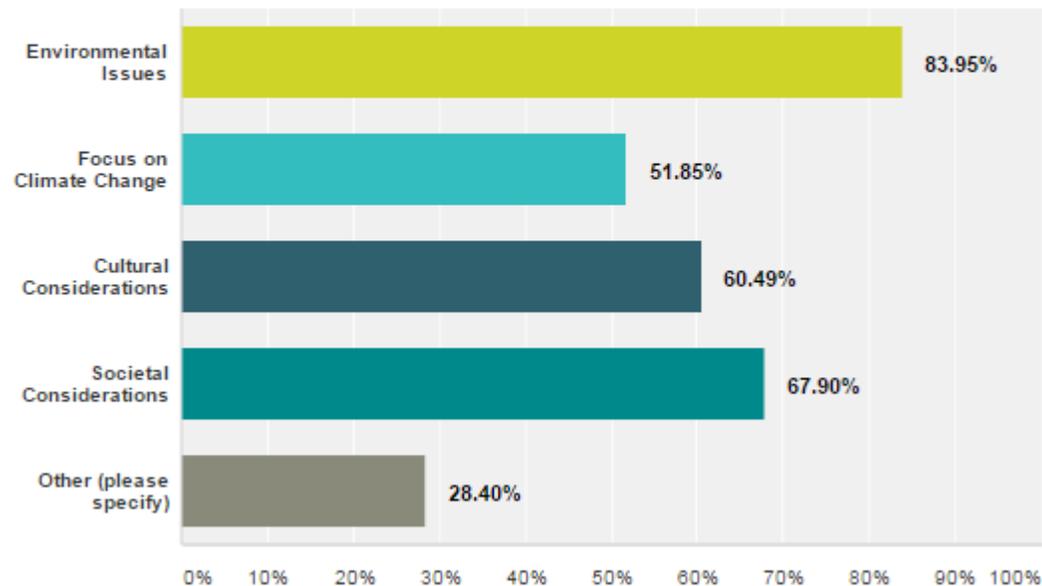
Multiple choice answers

Other/Comments (selection):

- Social innovation in general (Fordham University)
- Research projects (University Technological of the Mixteca)
- Sustainable development in our mission is building sustainable future. This involves graduating students in integrated sustainable development that can deal with issues of physical planning and social planning and preparedness (University of Duhok)
- Linked to educational considerations (Borys Grinchenko Kyiv University)
- Linked to governance and institutional aspects (democracy; locked-ins; stakes;...) (Ghent University)
- Linked to economic progress (Zimbabwe Open University)
- It is a concept of economic growth with respect to environmental issues for our future generation (Hacettepe University)
- Sustainable development is about balancing the costs and benefits of economic, social and environmental development. It is about intra and intergenerational equity (The University of Zurich)
- Social Responsibility project, Economic innovation developed project (Ilia State University)

Where are sustainable development initiatives being developed and registered? (please name)

Answered: 81   Skipped: 39

Answer Choices		Responses	
Sustainability Centre	Responses	58.02%	47
Student organisation	Responses	44.44%	36
Faculty / Department	Responses	66.67%	54
No organised form of sustainability	Responses	16.05%	13
Other	Responses	20.99%	17

Multiple choice answers

Others (selection):

- *Chair of Education at the Eco-Citizenship and Sustainable Development (Université Saint-Joseph de Beyrouth)*
- *Sustainability Research Unit, Institute Sultan Iskandsr (Universiti Teknologi Malaysia)*
- *Think and do-tank Transition UGent (Ghent University)*
- *MoUs with colleges (Bindura University of Science Education)*

How is sustainable development at your HEI governed?

Answered: 81   Skipped: 39

Category	Percentage
University level	70.37%
Faculty level	43.21%
Department level	39.51%
Individuals	32.10%
no official organisation	12.35%
Other (please specify)	9.88%
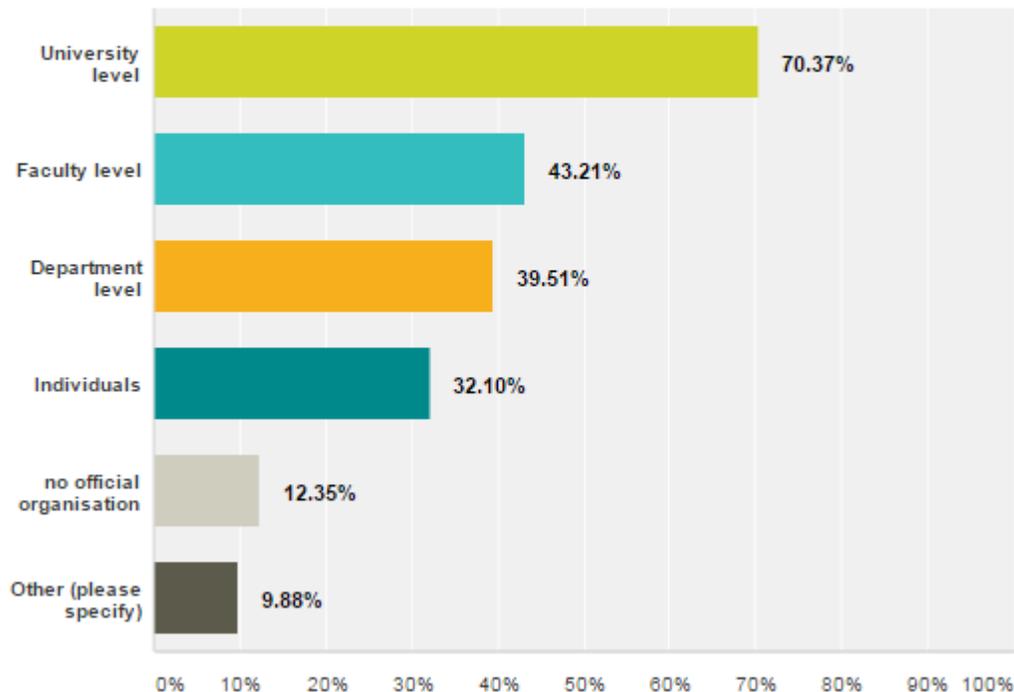
Multiple choice answers

Who is involved in sustainable development?

Answered: 70   Skipped: 50

Answer Choices		Responses	
Rector/ vice-chancellor/ president (What role?)	Responses	74.29%	52
other leader(s) (please specify)	Responses	74.29%	52
other individuals?	Responses	34.29%	24

Other (selection):

- *An institutional sustainability committee and an advisory board (De la Salle Lipa)*
- *Faculty and staff in a Green Core Team (California State University, Northridge)*
- *Sustainability Sub-Committee (Griffith University)*

Is there a strategic plan of your organisation in relation to sustainable development?

Answered: 76   Skipped: 44
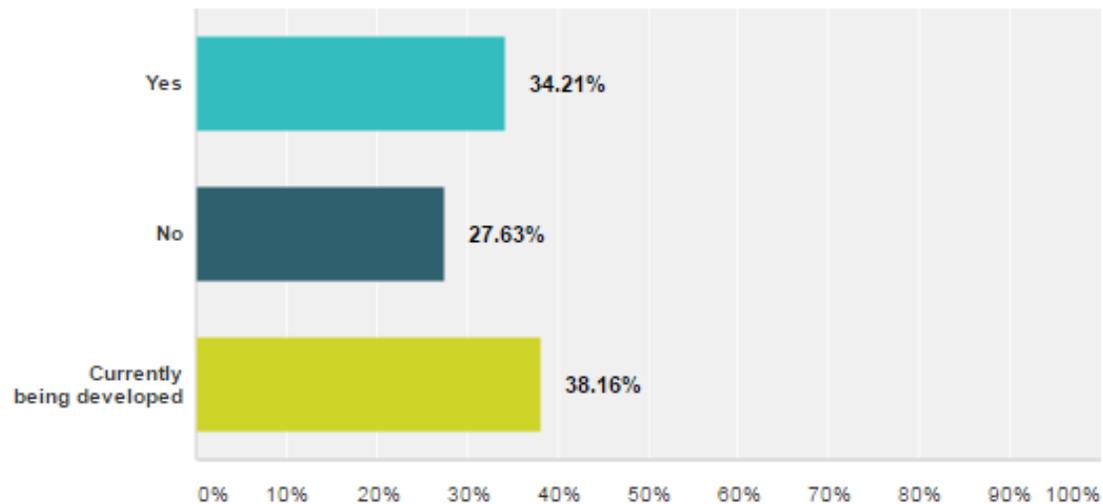
Financial support for HESD

Answered: 47   Skipped: 73

- *Almost 60% says HESD is part of the annual budget, but few give precise data. The situation differs a lot from one university to the other*
- *Most of the Universities have staff allocated to SD*
- *Funding is often project based*

Reporting mechanisms

Answered: 44   Skipped: 76

- *Many of the universities surveyed have reporting mechanisms concerning SD (reports, surveys, meeting and conferences...)*

Are there any assessment tools for
sustainable development at your HEI? If
yes, please specify.

Answered: 76   Skipped: 44

- *UN PRME report / Ashoka U reporting (Fordham University)*
- *A matrix with specific objectives and targets of the strategic plan is used to measure the achieved results (University of Siena)*
- *Assessment system for Sustainable Campus (Hokkaido University)*
- *Included in the Internal Quality Assurance and Assessment system of the organization (Siam University)*
- *Gallup Survey, Internal Quality Assessment cell, accreditation and rankings achieved, regular assessment through internal reviews (Birla Institute of Technology and Science, Pilani)*
- *UTM Campus Sustainability Index (on going) (Universiti Teknologi Malaysia)*
- *Sustainability Tracking, Assessment and Rating Systems (STARS) (University of California, San Diego)*
- *Self reports by committees (Amman Arab University)*

Can you give examples of policies and practices adopted and developed?

Answered: 40   Skipped: 80

- *Mission 2012 focused and achieved significantly in six thrust areas - Academic Programs & Pedagogy, People, Research & Consultancy, Campus Life, Infrastructure & Facilities and University Administration. Several initiatives such as curriculum benchmarking and redesign, strengthening student feedback, seed grant, research initiation grant, sabbatical leave policy, performance appraisal, faculty recruitment among others were fully completed and institutionalized into regular operations (Birla Institute of Technology and Science, Pilani)*

- *1. No styrofoam on campus 2. No disposable plastic containers on campus. 3. Green initiative fund from sale of scrap & surplus items. 4 Green Initiative, Green Imperative (GIGI). 5. Project Carbon Neutral (PCN) 6. Compliance with national standards on the disposal of hazardous waste (De La Salle Lipa)*

- *Recycling program, tobacco-free campus, research-based green roofs, living wall, energy conservation project, annual Sustainability Week, Energy Dashboard (Saint Mary's University)*

- *Eng using ESD in curriculum of post and undergraduate students having a student chapter for SD Teaching about SDGs and innovation methods for implementation Ongoing projects on green energy, sustainable consumption and production (Alexandria University)*

- *Learning path sustainability in several curricula, being implemented in development in the new strategic institutional plan, brainstorm sessions on sustainability in research, hosting of summerschool (University College Ghent)*

Are there any professional development programmes related to sustainable development offered at your HEI?

Answered: 66   Skipped: 54
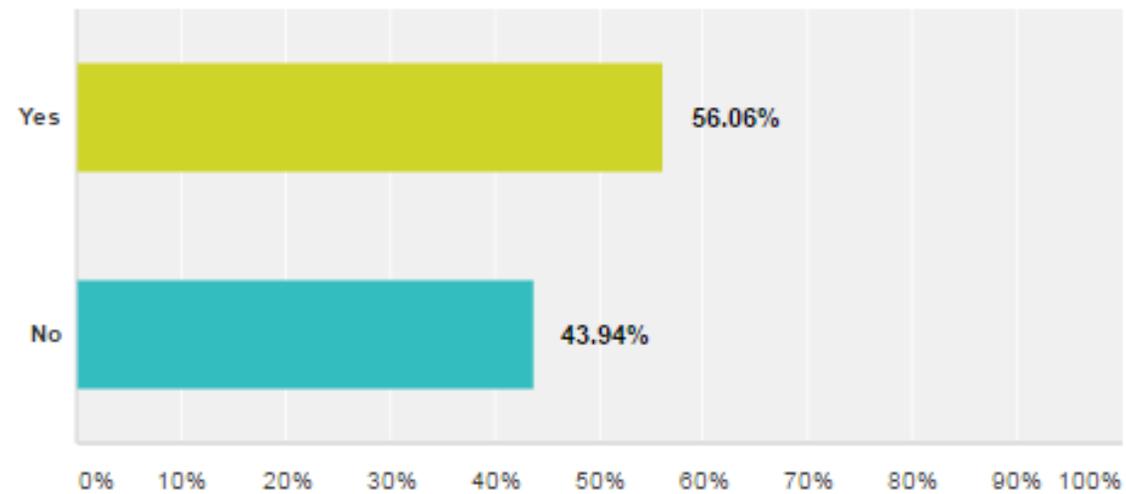
## Is your institution engaged with other HEIs on sustainable development?

Answered: 76   Skipped: 44

- 30.26% (23)
- 69.74% (53)

Yes   No
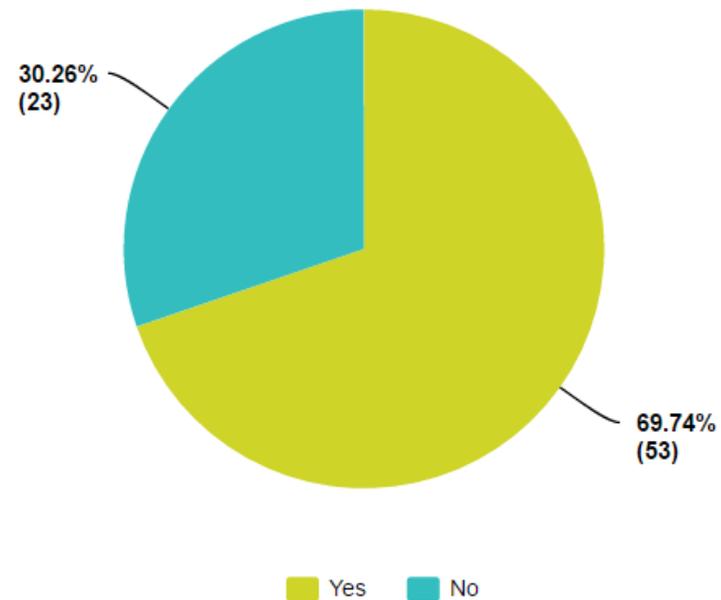
At what level(s) does your HEI collaborate with other HEIs on sustainable development issues?

Answered: 76   Skipped: 44

Level	Percentage
At local level	55.26%
At national level	52.63%
At regional level	43.42%
At global level (other...	38.16%
Please give the name(s) ...	51.32%
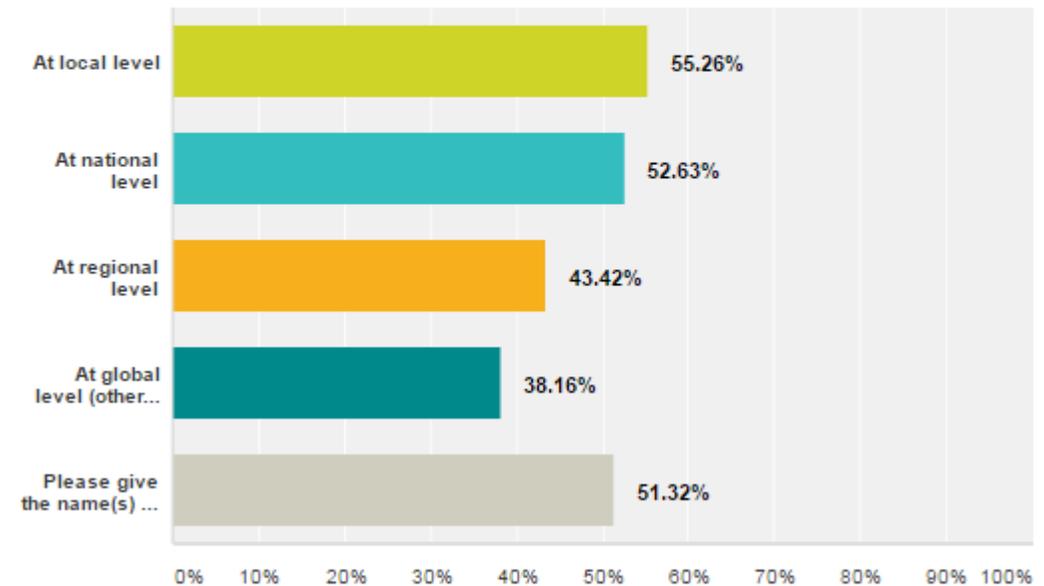
Multiple choice answers

Apart from being involved in the IAU….

Is your HEI involved in other HESD networks?

Answered: 76   Skipped: 44
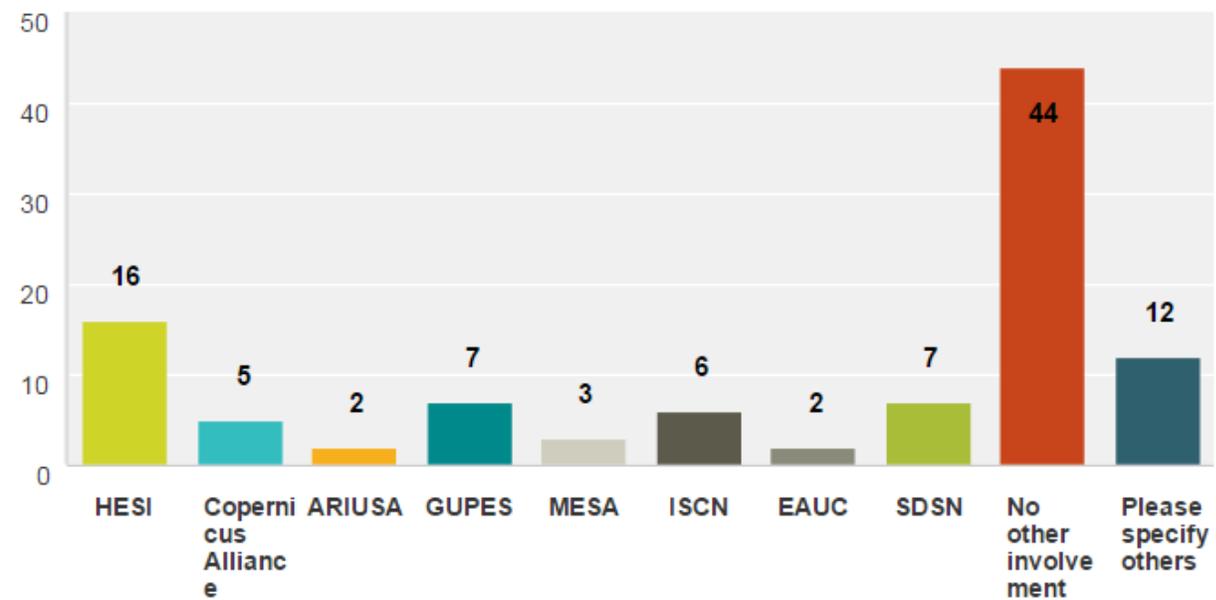
➢ Universities worldwide are more and more aware about SD

> *70% know well or very well about the SDGs and ESD*

58% know well or very well about the Agenda 2030

70% are familiar with the Whole Institution Approach

SD is considered, in most cases, to be linked to environmental issues (84%), but also societal (68%) and cultural (60%) issues

➢ SD is being integrated within Universities, including at the strategic level. Yet progress still needs to be made

45% adopted a Whole Institution Approach

34% have a strategic plan related to SD, 38% are developing one

Sustainability initiatives are mainly developed in faculty department, sustainability centres but also student organizations

56 % have professional development programs related to SD

➢ Universities are collaborating on SD issues especially at local and national levels

70% are engaged with other HEIs on SD

Universities surveyed are also engaged in other HESD networks including COPERNICUS Alliance, HESI, SDNS, Gupes…

➢ Subjectivity

The survey was (in most cases) completed by one person only.

➢ Multiple answers

The survey was sometimes completed by various persons from the same HEI. We only kept one answer for the statistics (but kept all the qualitative information).

➢ Very different levels of details

IAU chose, for this first edition, to limit the number of compulsory questions. The objective was to get an overview of how SD is taken into account in the University in general (whole institution approach). That is the reason why the survey did not enter in more details concerning the curriculum.

➢ Language barrier

The survey was available in English and in French. Other languages are envisaged for next edition.

Respondents:
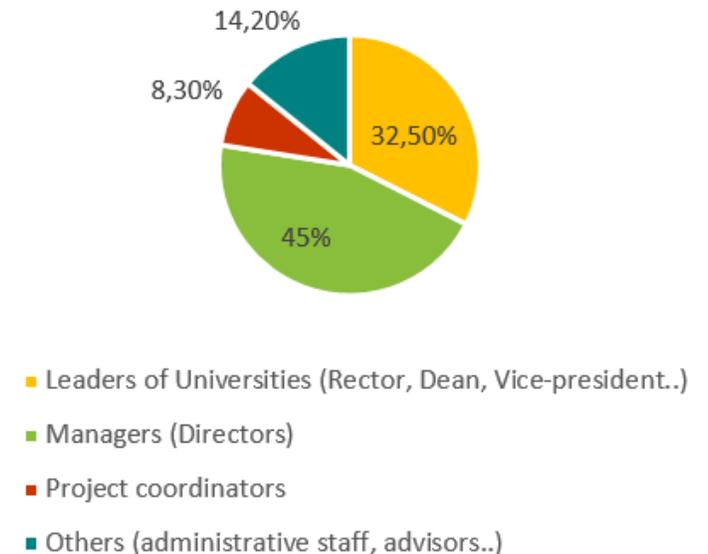
14,20%
8,30%
32,50%
45%

- Leaders of Universities (Rector, Dean, Vice-president..)
- Managers (Directors)
- Project coordinators
- Others (administrative staff, advisors..)

IAU strategic plan 2016-2020 on HESD:

IAU 15th General Conference, Bangkok, Thailand, 13-16 November 2016
Higher Education: A Catalyst for Innovative and Sustainable Societies
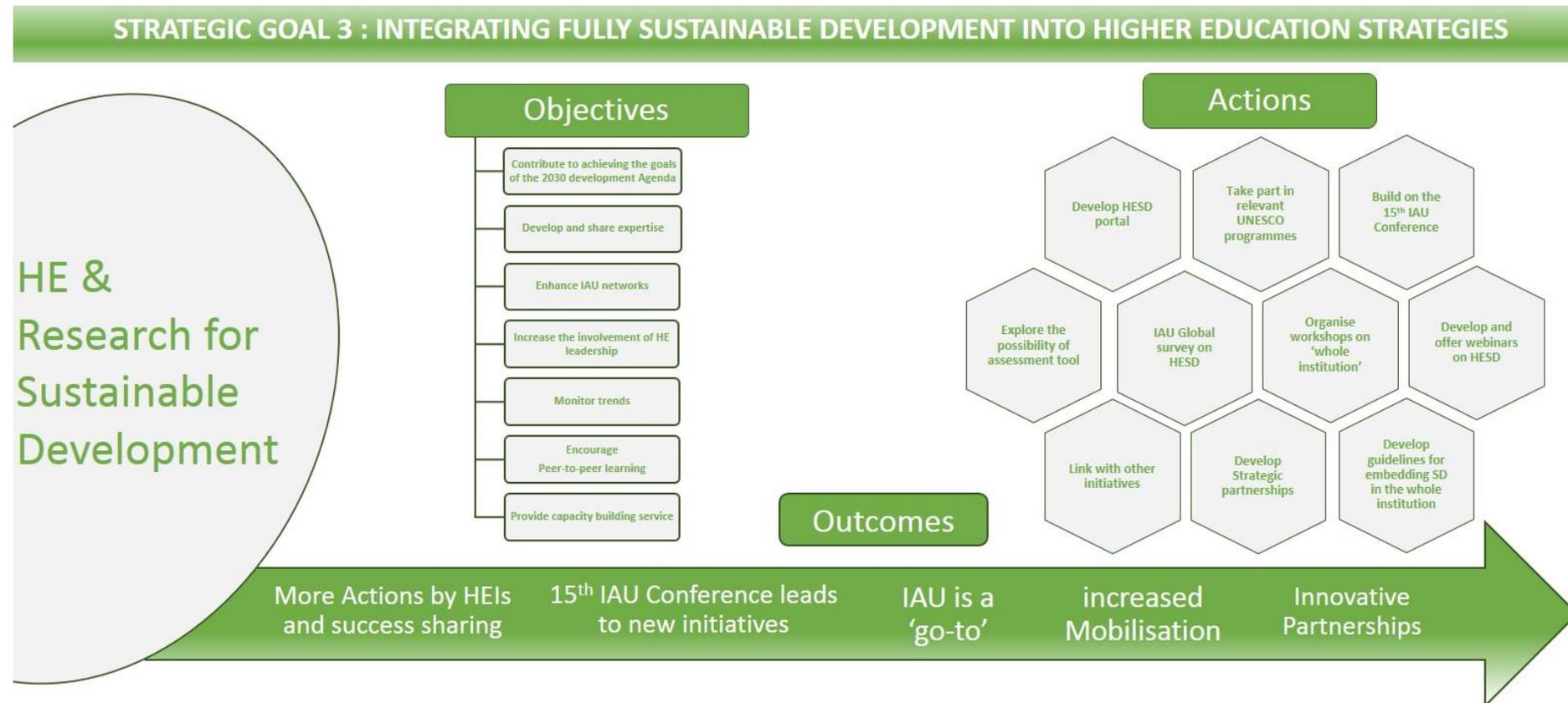
IAU strategic plan 2016-2020 on HESD:

IAU's strategic plan 2016 - 2020 will be adopted in November. Part of the plan includes the implementation of clusters. Would you be interested in regional and/or thematic clusters on HESD?

Answered: 73   Skipped: 47

Yes, regional — 67.12%
Yes, thematic — 68.49%
No — 4.11%

13-16 November 2016
Bangkok, Thailand
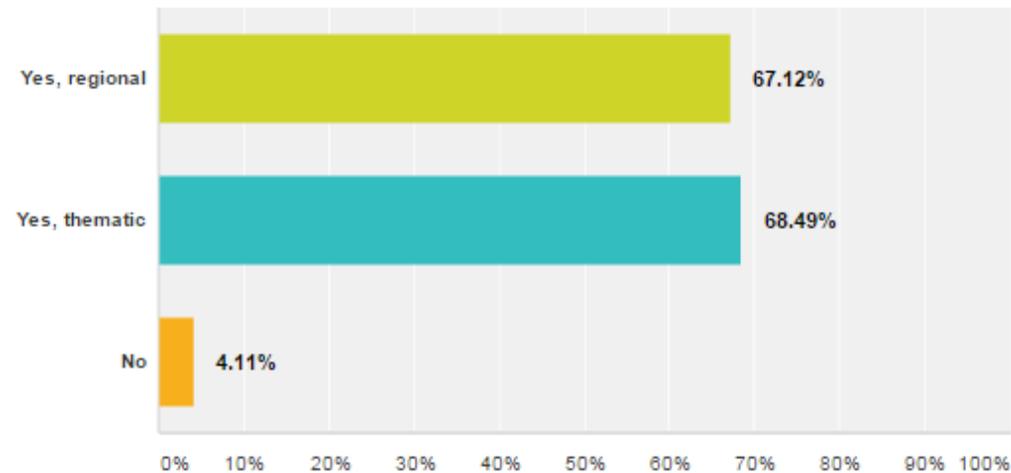
A UNIQUE ONLINE PORTAL: MAPPING, NETWORKING AND ADVOCATING FOR HESD

The **IAU HESD** Portal is a tool accessible to all, for increased engagement in SD, spotlighting IAU Members' and Partners' commitment to SD, generating synergies and networking around the world

340	95	300	80	1000
UNIVERSITIES AND OTHER HEI PROFILES	HE ORGANIZATIONS	ACTIONS	COUNTRIES	MONTHLY VISITORS

On the Portal... **www.iau-hesd.net/en**

Don't forget to showcase your HESD initiatives on the Portal!
Contact: Frédérique Herzog, f.herzog@iau-aiu.net

THANK YOU FOR YOUR ATTENTION

www.iau-hesd.net

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