



Definition of indicators and sustainability assessment in the Latin American Universities

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ALLIANCE OF IBERO AMERICAN NETWORKS OF UNIVERSITIES FOR SUSTAINABILITY AND ENVIRONMENT

- 1 • It is a network of networks, created Colombia (2007).
- 2 • Aims to promote and support coordinated academic and research actions between university networks on environment and sustainability.
- 3 • Promoting environmental management practices in the university campus.



PARTNERSHIP



Spain

- ✓ 22 universities networks (on sustainability)
- ✓ 237 universities (Latin America)
- ✓ 80 Spain
- ✓ 15 countries





Some of our projects

- 1 • Design and implementation a joint master's degree program in environmental sciences
- 2 • Students academic mobility and exchange programme
- 3 • To create a system of sustainability indicators for universities



PARTNERSHIP



GLOBAL UNIVERSITIES PARTNERSHIP ON ENVIRONMENT AND SUSTAINABILITY (GUPES) OFFICIAL LAUNCH

LANZAMIENTO GUPES LATINOAMERICA

Universidad de Ciencias
Aplicadas y Ambientales U.D.C.A
Bogotá, Diciembre 3 de 2012

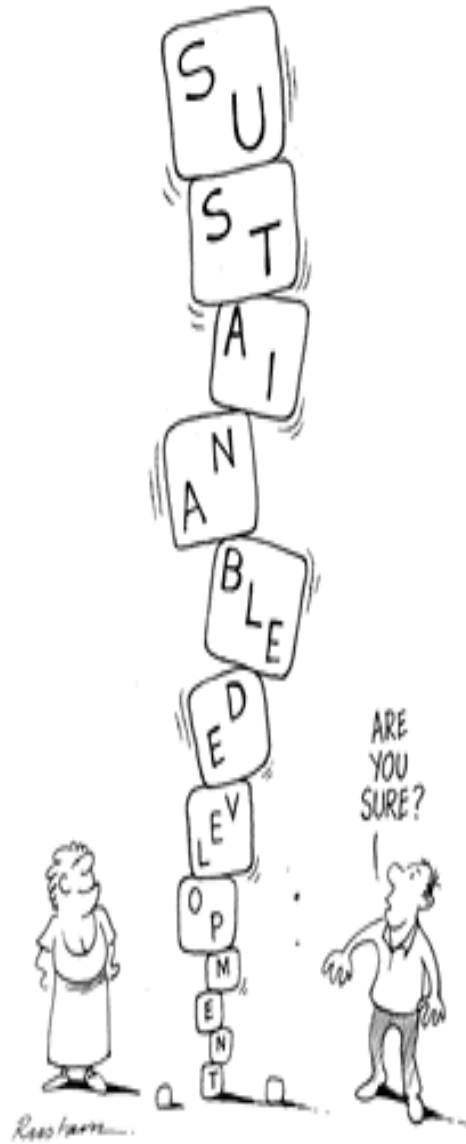


5-6 June 2012
Tongji University, Shanghai, China



Work together to progress together!





The University should become a model and a good laboratory of practices about sustainable development

And...

serve as a social reference for other public and private institutions.



SUSTAINABILITY ASSESMENT TOOLS (HEI)

Sustainability Indicators for Universities Systems



The **Platform** for
Sustainability Performance
in **Education**



[Home](#)

The Platform for Sustainability Performance in Education

The **Platform for Sustainability Performance in Education** brings together organisations which have created sustainability assessment tools designed to support universities and colleges around the world.

An initiative from:



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SUSTAINABILITY ASSESMENT TOOLS (HEI)

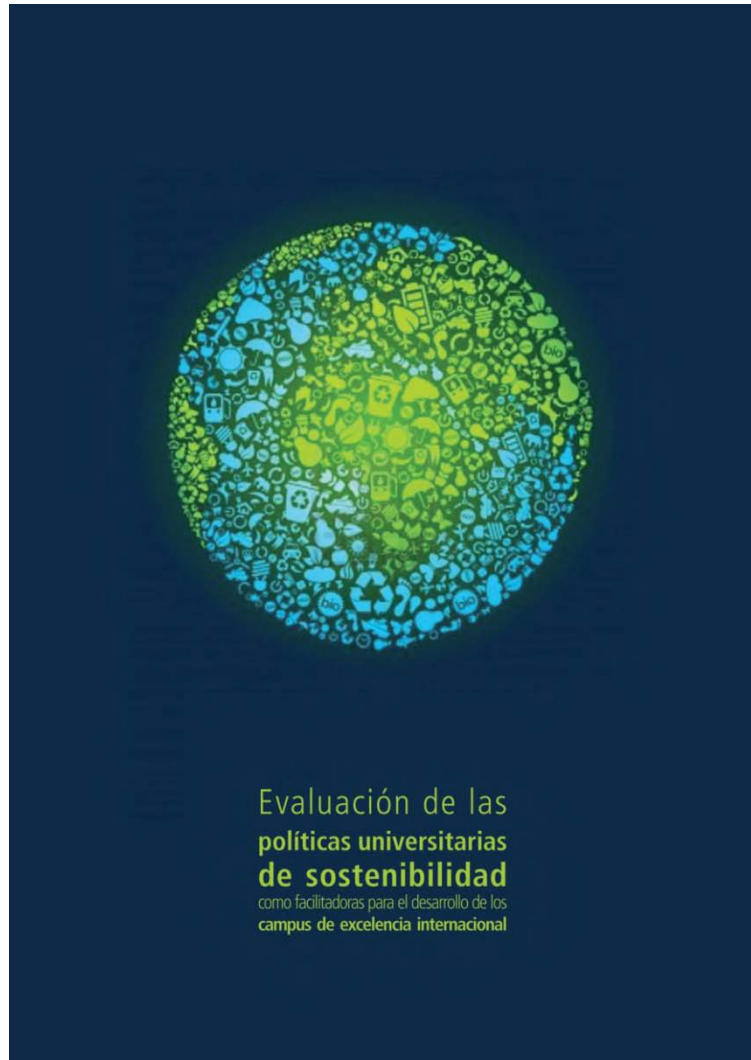
Sustainability Indicators Systems for Universities

- ✓ The Association for the Advancement in Sustainability In Higher Education, AASHE – **North America**
- ✓ Australasian Campuses Towards Sustainability, ACTS – **Australasia**
- ✓ Assessment Instrument for Sustainability in Higher Education, AISHE – **Netherlands**
- ✓ Conférence des Grandes Ecoles, CGE - **France**
- ✓ Conference of University Presidents, CPU - **France**
- ✓ Conference of Rectors of Spanish Universities, CRUE – **Spain**
- ✓ Environmental Association for Universities and Colleges, EAUC - **United Kingdom**
- ✓ Promotion of Sustainability in Postgraduate Education and Research Network, ProSPER.Net – **Asia**





SUSTAINABILITY ASSESMENT (HEI)



Assessment of Spanish universities sustainability policies (2011-12)

www.crue.org

**31 universities
(62% of the public universities)**



CRUE

CADEP Calidad ambiental, desarrollo sostenible y prevención de riesgos



SUSTAINABILITY ASSESMENT (HEI)

SURVEY INDICATORS

AREAS	INDICATORS FIELD
LEADERSHIP and GOVERNANCE	▪ Politics and sustainability assessment ▪ Engagement and awareness of the university community ▪ Social responsibility, relationships / engagement towards society
TEACHING and RESEARCH	▪ Teaching ▪ Research and transfer of technologies
STATES and OPERATION	▪ Urban Planning and Biodiversity ▪ Energy ▪ Water ▪ Mobility ▪ Waste ▪ Green purchase ▪ Impact Assessment

From 300 to 176 indicators





SUSTAINABILITY ASSESMENT (HEI)

Examples of indicators

A - Politics and sustainability assessment

1. The governance of the university has a political leader on environmental issues.
2. There is at least one technician employed by the university, exclusively dedicated to environmental issues.
3. The unit, office or sustainability service has specific budget for activities or investments in this area.

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SUSTAINABILITY ASSESMENT (HEI)

Survey: self-diagnosis

+

Visits and interviews

Report for each university

Global results about the **University System:**

Identify best practices

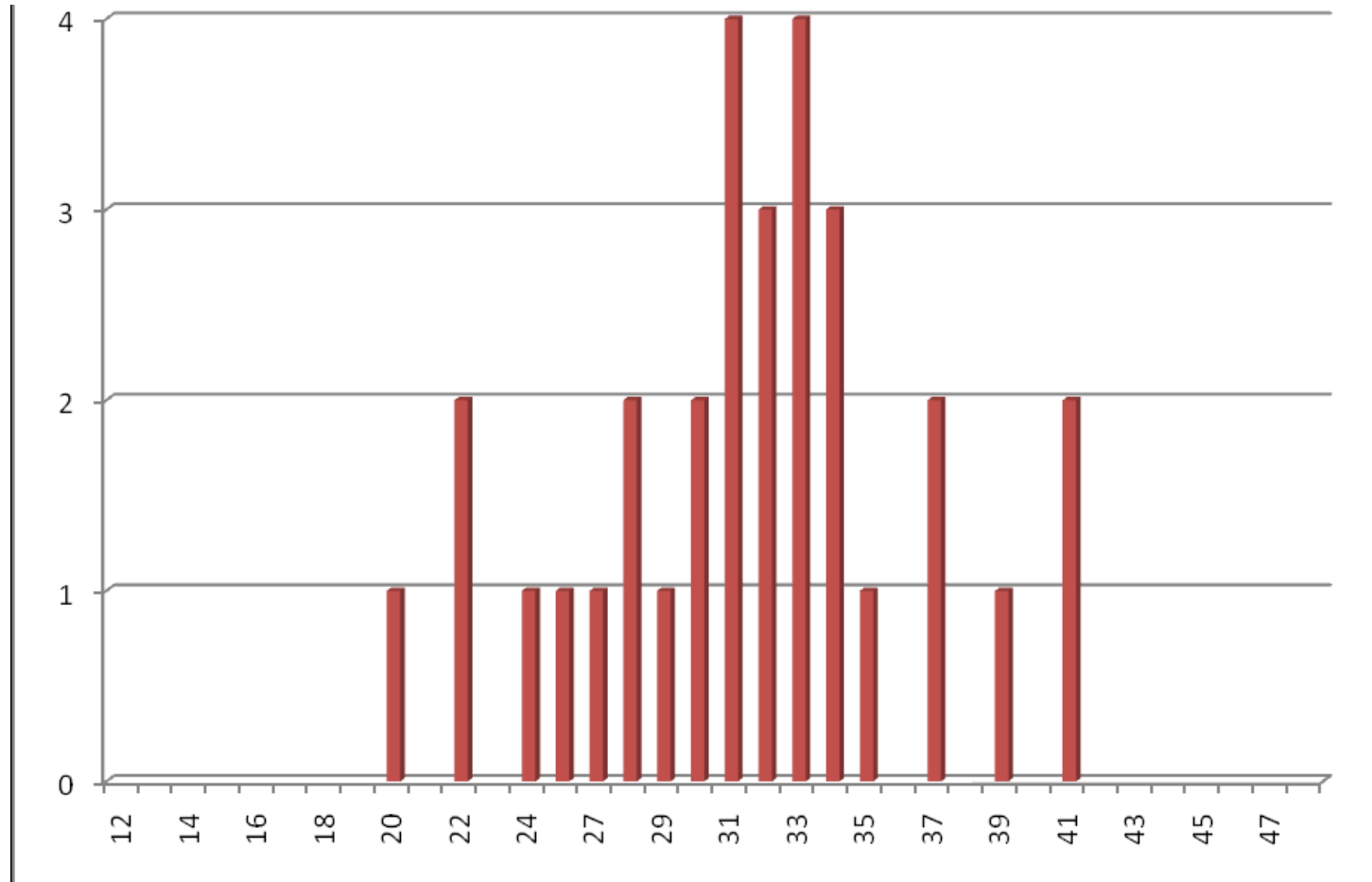




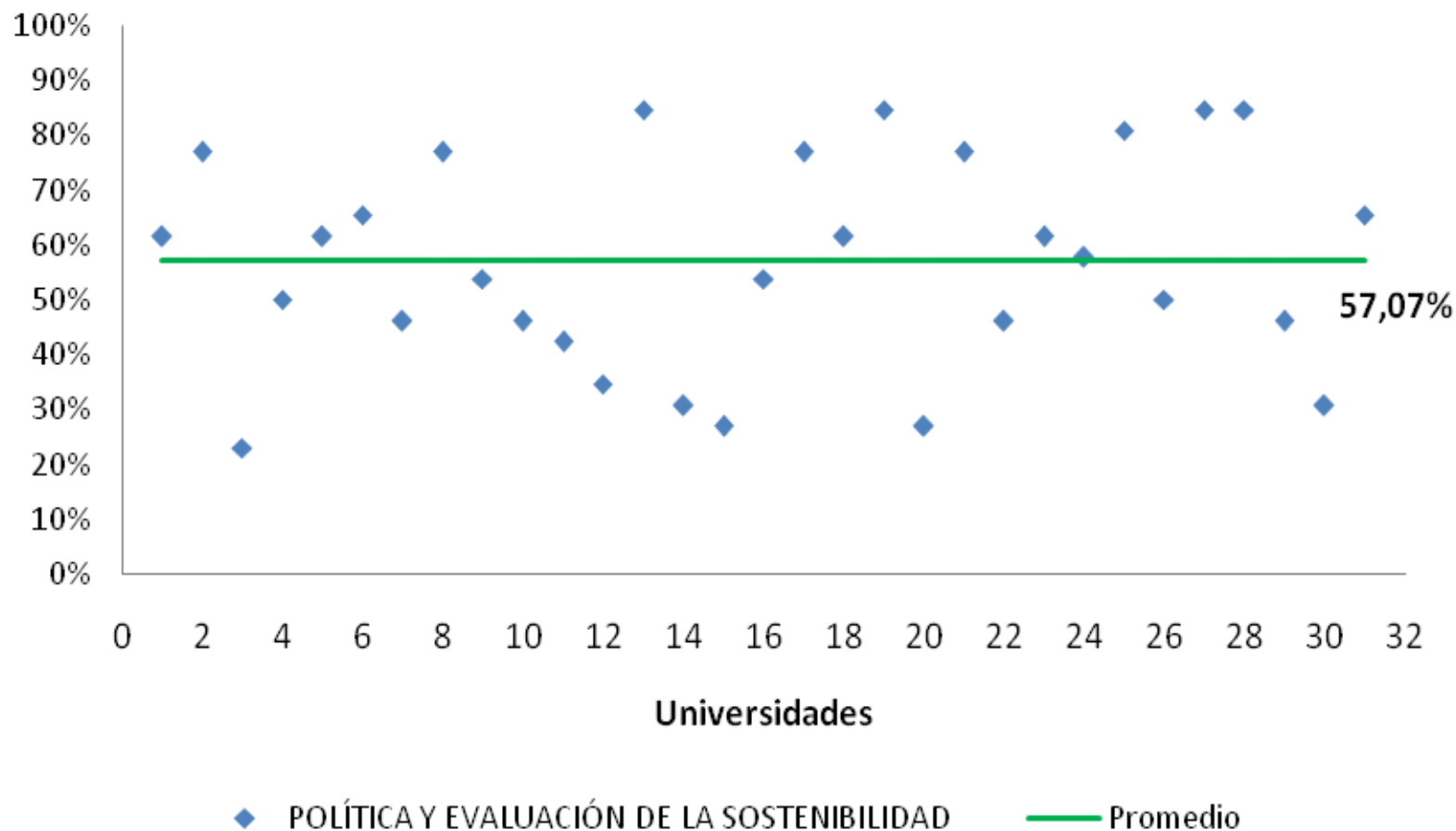
CRUE

CADEP Calidad ambiental, desarrollo
sostenible y prevención de riesgos

Global Score



Politics and sustainability assessment



Ranking



UI GreenMetric World University Ranking

Invitation to Join UI Greenmetric Ranking of World Universities 2013 - start June 10th 2013)

Announcement

June 4th, 2013

UI GreenMetric World Universities Ranking 2013

Subject: Invitation to participate in UI Green Metric World University Sustainability Ranking 2013

Dear Sir/Madame,

It gives us a great pleasure to invite your institution to participate in our world ranking of university sustainability – Green Metric.

This initiative was launched on 2010 in order to draw the attention of university leaders and stake holders to combat global sustainability issues and to provide more attention to sustainability of the environment, as well as economic and social problem related to sustainability. In order to realize Sustainability Development Goals, the university plays an important role in particular with regard to sustainability including energy and climate change, setting and infrastructure, water consumption, waste management and especially education. We hope that the rankings will be useful to university leaders in their efforts to put in place eco-friendly policies and manage behavioural change among the academic community at their respective institutions.





SUSTAINABILITY ASSESMENT (HEI)

FIELD	Number good practices
Politics and sustainability assessment	7
Urban Planning and Biodiversity	9
Teaching	4
Research and transfer of technologies	3
Energy	8
Water	4
Mobility	3
Waste	6
Green purchase	2
Social responsibility	2





complexus
CONSORCIO MEXICANO
DE PROGRAMAS
ambientales
universitarios para el
desarrollo
sustentable

Indicadores para
medir la Contribución
de las Instituciones
de Educación Superior
a la Sustentabilidad



SUSTAINABILITY ASSESMENT (HEI)



- Sao Paolo University (Brazil): Final list of sustainability

	Number of indicators initially purposed	Number of indicators selected
Estates and Operation	11	13*
Education/Curriculum	20	12
Governance/ Institutional Policy	14	8

*Two indicators were created during the interviews with experts





SUSTAINABILITY ASSESMENT (HEI)

From these experiences, we've decided to build a **system of sustainability indicators** suited for Latin American universities.





Currently project (2013-2014):

**Definition of indicators for evaluation
of sustainability in Latin American
Universities**





SUSTAINABILITY ASSESMENT (HEI)



Network of Indicators for
Sustainability at Universities
(RISU)

12 countries

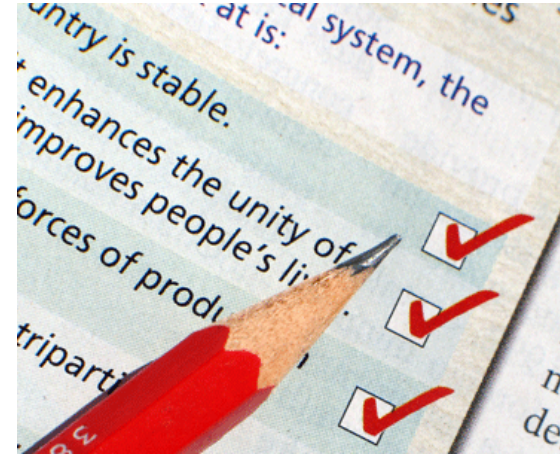
Latin America Sustainability
Indicators System



SUSTAINABILITY ASSESMENT (HEI)

1st phase

- ✓ Analysis of the indicators defined by Mexico, Colombia, Costa Rica, Brazil and Spain
- ✓ Selection of indicators
- ✓ Discussion and development of a questionnaire with the common indicators.
(Chile, December 2013)
- ✓ Pilot testing of the questionnaire in each country

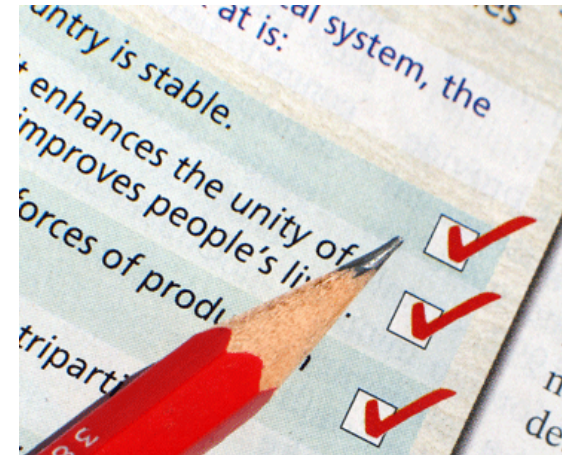




SUSTAINABILITY ASSESMENT (HEI)

2nd phase

- ✓ **Yes or No** for each indicator;
- ✓ Is the university able to accomplish this step/indicator in the next 3-5 years?
- ✓ Use of the indicators as a reference to develop an **Strategic Plan and commit universities with sustainability (3-5 years)**
- ✓ **Final report : Lima, September 2014**



SUSTAINABILITY ASSESMENT (HEI)

Educational process for those who are involved in the process.



Encourages managers to build a Strategic Plan on Sustainability.





To make progress on the path of sustainability...

It is better to develop collaborative strategies than competition strategies