

WEEK DIDA RESEARCH



UNIVERSITÀ
DEGLI STUDI
FIRENZE



ABITA`s INTERNATIONAL RESEARCH & CONSULTANCY

SUSTAINABLE GREEN DESIGN in Latin
America_Africa_Asia_2012_2017

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Source of funding
State Institutions, Technology providers, Non Governmental Organizations and Municipalities on destinations countries 2012_2017

Year of undertaking
2012 - 2017

Keywords
Eco Building, Green & Environmental Design, Bioclimatic Architecture, Integral Planning, Landscape Design, Smart Façade, Renewables energies, Green Roof & Urban Farming, Green Infrastructure, Energy Certification, Bio Research Cente, Eco Tourism, AgroProductive Farms, Soilless urban farming, Sustainable & Renewables Energies

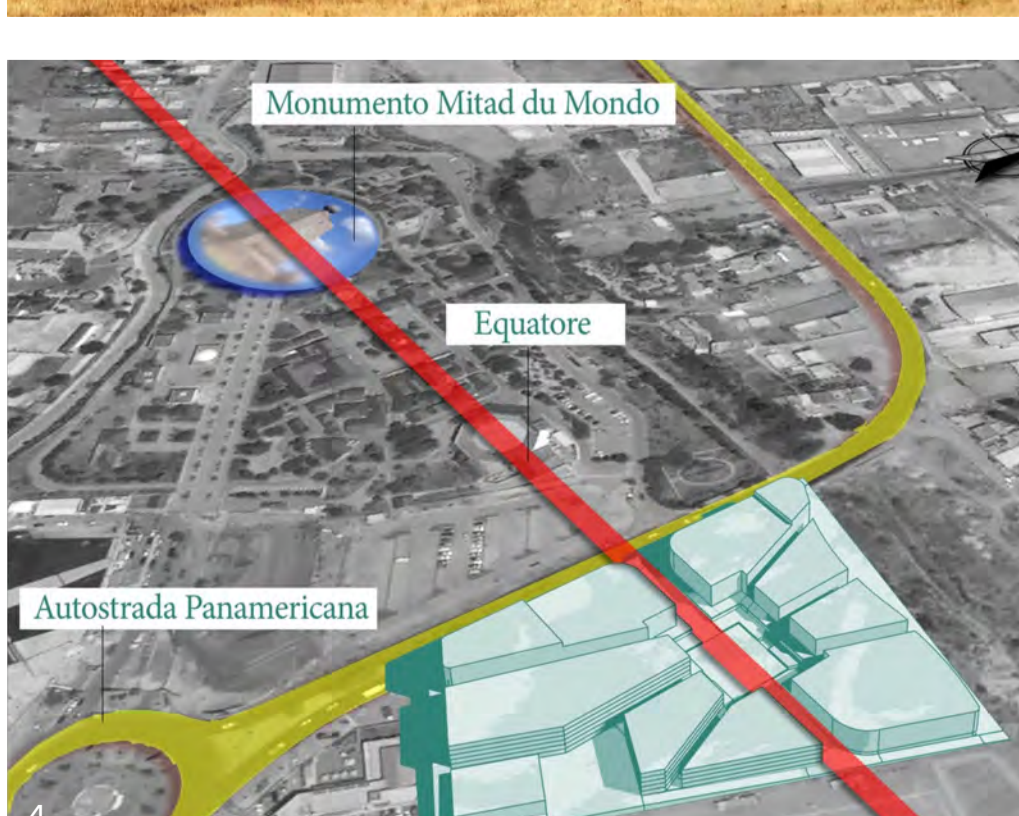
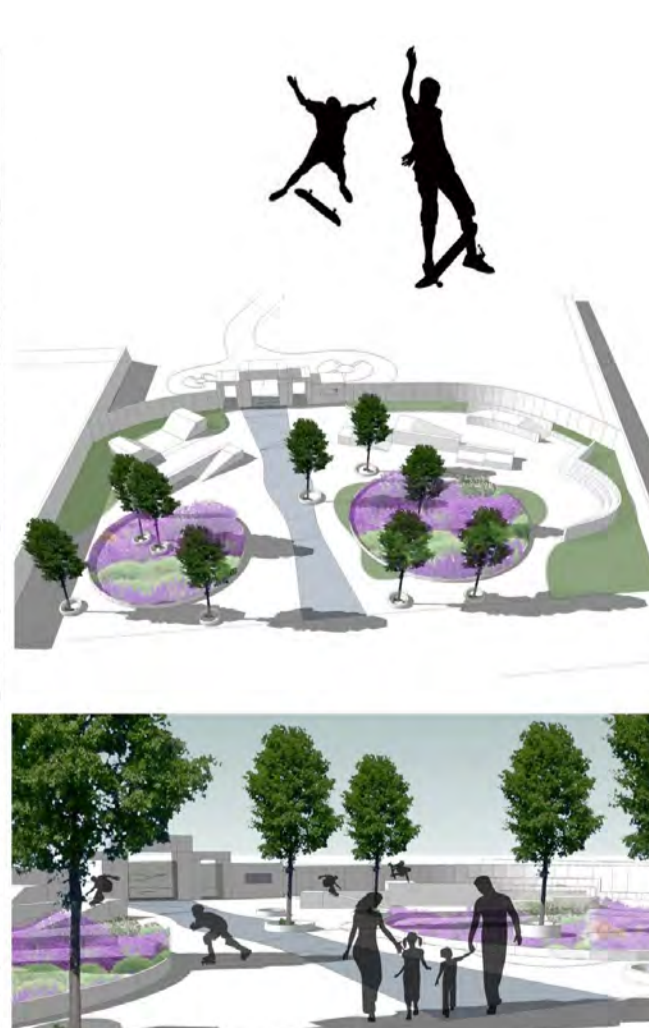
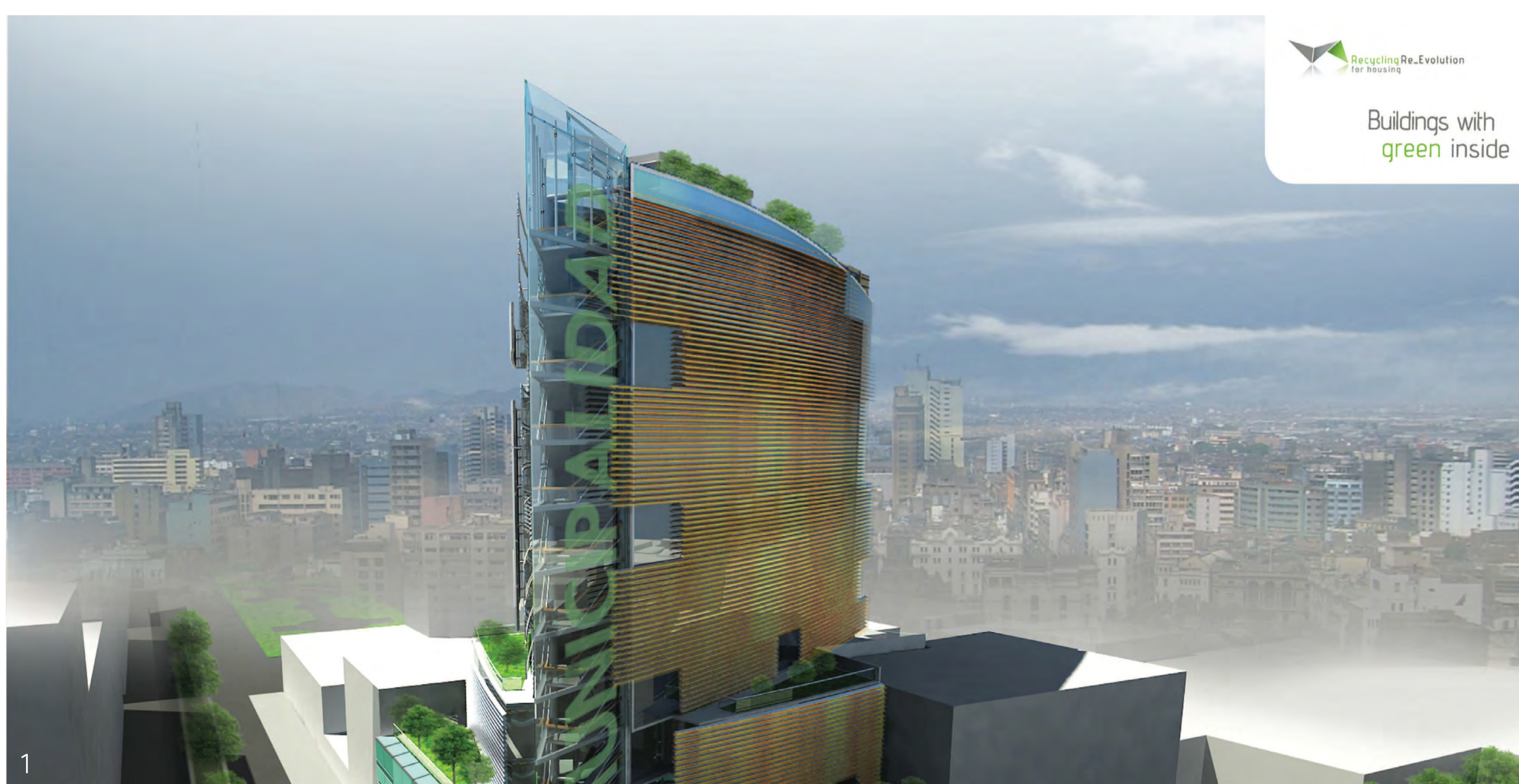
ABITA`s institutional support to growing economies in Asia, Africa and Latin America on achieving sustainable development targeting institutional building, training of trainers, development cooperation, energy efficiency & eco technology transfer consultancy:

- 1.- "TORRE VERDE LIMA" _ Anteproyecto en Consulta & Expedientes Tecnicos para Licencia de Obra (15.000 sqm).
- 2.- "DISENO ECO SOSTENIBLE PARQUE Sinchi Roca (47 ha) & "Planatario de Lima", Santa Rosa Urban Park (2.200 sqm)
- 3.- "COLINAS DEL SOL" Eco_Lux Resort & Agro Productive Country Club Master Plan (102 ha), Tarapoto, Peru.
- 4.- "CIUDAD SOLAR CENTRO MUNDO/ Green City, Municipio Metropolitano de Quito_Ministerio de Vivienda, Fundacion Rochdale (3.000 inhabitants 55.000 sqm)
- 5.- "RENAISSANCE Project" 'Renewable Energy & Sustainable Environment Social Solar Compounds & Green Eco Villages' . Prototype Design of Sustainable Social Housing in Zambia & Democratic Republic of the Congo, 2014_2015 (100 Units over 15.000 sqm)
- 6.- "SOLAR_ECO_VILLAGE_Ecuador" _ Earthquake Reconstruction applied Research. Government of Ecuador, August 2016. (100 units over 15.000 qsm)
- 7.- BIOS_THE GREEN BELT EAST_WEST ALLIANCE STREAMING WEBMINARS/ Eco Technology Transfer for Green Architecture, Eco Efficient Cities & Interior Design, from Florence Italy the cradle of Renaissance to China.

PROJECTS & PUBLICATIONS

- 1.- TORRE VERDE LIMA Lima, Peru.: Phase1-Torre Zero Energy_2012; Phase 2-Torre Verde Lima_2013; Phase3.-Executive project_2014.Cumsumptions savings=Energy 28%, Air 36%,Water 30% (building), 50%(roof & court gardens) 40% real estate value increase. Link: https://issuu.com/abitaresearchcenter/docs/presentacion_susanavillaran_torre_v
- 2.- PARQUE Sinchi Roca" & "PLANETARIO de Lima" Lima`s Metropolitan Municipality. Parks & Garden Service Department.1.-BioArchitectural & Urban Landscape Design "Parque Zonal Sinchi Roca".2.- Bio Architectural Design "Planetario" Santa Rosa`s Park downtown Lima. Link: https://issuu.com/abitaresearchcenter/docs/abita_internship_serpar_sinchi_roca
- 3.- COLINAS DEL SOL Eco Resort & Country Club. Integral Planning strategy on Tarapoto`s Peruvian low hills jungle. 102 ha, 237 villas, .30% reserved area for intangible forest, 25% low land built index, 30% energy saving consumption. Link: https://issuu.com/abitaresearchcenter/docs/colinas_del_sol_lux_eco_resort_tar
- 4.- CIUDAD SOLAR CENTRO MUNDO/ Eco Neighborhood_terrestrial Equator, north Quito`s city in Ecuador. Self sufficient neighborhood,3.000 inhabitants,24.300 sqm site, 55.000 sqm built area. A mixed use Solar City under Bioclimatic & Sustainable strategies. Link: https://issuu.com/abitaresearchcenter/docs/abita_quito_solar_city_internship
- 5.- RENAISSANCE Green Architectural Prototype Design of Sustainable Social Housing in Zambia & Democratic Republic of Congo. 900.000 sqm site, 375,000 sqm built area for 3.500 inhabitant. Italian_Belgium_DRC Consortium , MSA Associated Architectural Studio, Leandro Tollis Pacento Italy. Link: https://issuu.com/abitaresearchcenter/docs/abita_waste_to_energy_zambia_drc
- 6.- BIOS Eco_Village Ecuador_Earthquake Reconstruction-August 2016.Ecuador Government.Master Plan for 100 units of 60sqm. Host 800 people, achieving at least a 60% self-sufficiency development, through renewable energies integration, green infrastructure & greenhouse food cultivation. Link: https://issuu.com/abitaresearchcenter/docs/eco_village_earthquake_ecuador_bus

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19 - 23 FEBBRAIO

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