



Analysing Material Flow in the Construction Sector In Ahmedabad

A stakeholder consultation was conducted in Ahmedabad on 13 November 2019 to gather inputs on the preliminary findings of the Materials Resource Flows study conducted by Development Alternatives (DA). The focus was on understanding and deliberating upon the processes of the material flows in the construction sector in Ahmedabad. The audience comprised of the officials from city municipality and development authorities, builders, architects and professionals from research institutes and academia.

The workshop was moderated by Dr Ria Sinha and commenced with welcome remarks by Gitika Goswami, Senior Programme Director, DA. Dr Reva Prakash, Technical Advisor, European Union Resource Efficiency Initiative (EU-REI), GIZ, introduced the Initiative to the audience. Dr Rachna Arora, Deputy Team Leader, EU-REI, GIZ, highlighted the Resource Efficiency, Cities and Draft National Resource Efficiency Policy for India. The Chief speaker for the event, Harshad Solanki, Director of Solid Waste Management, Ahmedabad Municipal Corporation, discussed the current solid waste management scenario of the City and expressed the readiness of the municipality on assigning projects, based on PPP model, for implementation on all kinds of waste management viz. C&D waste, e-waste, municipal waste etc.

Later the study on “Analysis on resource flows in the construction sector in Ahmedabad”, describing the objectives, outcomes, methodology and findings was also presented. Dipan Shah, Director of Central Planning and Projects and Construction at Pacifica Companies, provided inputs on the improvement of accuracy of the calculation of materials and the assumptions considered for analysis. Many pertinent questions were addressed through this workshop such as the quantum and nature of material flows into the city for use in construction, the carbon footprint of construction (selected segments) and the emerging scenario of construction material availability/scarcity in Ahmedabad over the next ten years (2030). Additionally, the secondary waste-based raw materials which can be integrated into construction in Ahmedabad to replace primary resource were discussed. The feedback received from the industry developers and Anant University fellows will be examined further by EU-REI and DA to refine the analysis on material flow and formulate policy recommendations accordingly.