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2020 Conference Announcement

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15th Global Summit and Expo on Biomass and Bioenergy

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Biomass is material of plant or animal that is used for production of energy and use as raw material for various industrial processes. This energy production process is called as Bioenergy. It is mostly found in the recently living plants or living plants and biological waste. It can be purposely grown energy crops, wood or forest residues, waste from food crops, horticulture, food processing, animal farming or human waste from sewage plants. Biomass is fuel that is developed from a renewable and sustainable source of energy and organic materials used to create different forms of power and electricity. Biomass power is carbon neutral electricity generated from organic waste that can be renewable, or dumped in landfills, openly burned, or left as fodder for forest fires.

The Biomass 2020 is an event that aims to explore the ways to innovate in the field of Chemical Science, and to find new resources for better industrial development at Rome, Italy on September 21-22, 2020. The conference will serve as a platform to bring together leading chemists with different specialties such as Chemical scientists, professors, Business delegates.

Congress will discuss on the topics such as, Biomass, Biomass Conversion Technologies, Biomass Energy Resources, Pyrolysis, Biomass Power & Thermal, Bioenergy, Biofuels, Advanced Biofuels & Bio chemicals, Biogas & Waste-to-Energy, Biodiesel, Renewable Energy and Bio economy.

Biomass 2019 supported by the organizing committee network of renowned scientific and professional expert such as Dr Ferruccio Pittaluga, University of Genoa, Italy it provided a platform for collaboration among colleagues, vendors, and academia to reveal new innovations, solutions, ideas, and emerging technologies in Biomass.

Average annual biomass produced in the land-based sectors (agriculture and forestry) of the EU is 1466 Mt in dry matter (956 Mt agriculture, 510 Mt forestry). Not all the biomass produced is harvested and used, part of it remains in the field to maintain the carbon sink and the other ecosystem services. The biomass harvested and used in 2013 from the EU agricultural and forestry sectors was estimated as 805 Mt dry matter (578 Mt from agriculture, 227 Mt from forestry).

In addition, 119 Mt were grazed in pastures. Production from fisheries and aquaculture by the EU-28 Member States equalled 6.05 Mt wet mass (roughly corresponding to 1.5 Mt dry weight) in 2013, representing 3.17% of total global production. Total production of both macro- and micro algae was 0.23 Mt wet mass in 2015 (roughly corresponding to 0.027 Mt dry weight).

Biomass power market is anticipated to witness a significant growth owing to technological advancements and increasing focus on research and development to provide biomass for power generation.

Increasing use of biomass such as plant and manure materials to produce electricity and generate biomass fuels for transportation is expected to contribute to the industry growth over the forecast period.

The biomass power market is segmented into urban residue, biogas, agriculture & forest residues, energy crop, and woody biomass and landfill gas feedstock. By technology, the biomass power generation is categorized into landfill gas, co-firing, combustion, CHP, anaerobic digestion, and gasification.

Chemical Engineering Conferences going to be held during January 2020 to December, 2020 at various cities in Europe (London, Barcelona, Madrid, Valencia, Rome, Milan, Berlin, Frankfurt, Vienna, Zurich, Dublin, Edinburgh…. And Many More..!!!)

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