



WtE plant in Tampere, Finland, with kind permission of Steinmüller Babcock Environment GmbH

Waste-to-Energy Monitor

21 / 2018

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Copy: free copy, ecoprolog GmbH

1 Projects

Australia / Kwinana WtE project to go ahead

The implementation of the Kwinana WtE project in Western Australia is set to go ahead, after winning the backing of both the Australian Renewable Energy Agency and the Clean Energy Finance Corp. According to the source, the project has reached financial close after securing USD 23 million in funding from ARENA, and up to USD 90 million in debt finance from the CEFC. The 36 MW facility should burn 400,000 tpa of waste and is expected to be fully operational by the end of 2021. The plant will be equipped with the moving-grate technology from Belgian company Keppel.

18.10.2018, reneweconomy.com.au

[Link to source](#)

China / New WtE project planned in Tianjin

On October 17th, a new waste-to-energy project started tendering in Baodi District of Tianjin Province. The proposed project will be developed in 2 phases, entailing a total investment of RMB 349 million. Project phase 1 will have a treatment capacity of 700 tpd, consisting of 2x350 tpd incinerators and a 12 MW generator, while project phase 2 will have a treatment capacity of 350 tpd.

17.10.2018, www.solidwaste.com.cn

[Link to source](#)

China / WtE project tested in Dongying

The waste-to-energy project being developed by Dongying Huayuan New Energy Co Ltd in Dongying City, Shandong Province, started ignition test on October 10th and is expected to be operational by the end of 2018. The project has a treatment capacity of 400 tpd, entailing a total investment of RMB 270 million.

17.10.2018, www.solidwaste.com.cn

[Link to source](#)

China / 4 companies bid for WtE project in Ningyuan County

On October 16th, the Yongzhou East Waste-to-Energy project to be built in Ningyuan County, Hunan Province, announced the 4 candidates that are bidding for the project, including Everbright International, Conch Venture, etc. The project will be developed in 2 phases with a treatment capacity of 600 tpd and 300 tpd respectively, entailing a total investment of RMB 450 million.

17.10.2018, www.solidwaste.com.cn

[Link to source](#)

China / WtE project initiated in Dongfang

A new waste-to-energy project has been planned in Dongfang City, Hainan Province, and started tendering for a private developer on October 16th. The project will be developed in 2 phases. Project phase 1 will have a treatment capacity of 800 tpd, consisting of 2x400 tpd grate furnaces and an 18 MW generator, while project phase 2 will have a treatment capacity of 400 tpd. The total investment of the project will be RMB 483.5 million.

17.10.2018, www.solidwaste.com.cn

[Link to source](#)

China / WtE project started construction in Huimin County

The waste-to-energy project in Huimin County, Shandong Province, started construction on October 16th. The project to be developed by Huimin Jingcheng Environmental Industry Co Ltd will have a treatment capacity of 600 tpd, entailing a total investment of RMB 317 million.

17.10.2018, huanbao.bjx.com.cn

[Link to source](#)

China / Developer confirmed for Beichen WtE project in Tianjin

On October 15th, it was announced that China Everbright International Limited had been chosen as the private developer of the new waste-to-energy project to be built in Beichen District of Tianjin City. The project will be developed in 2 phases, treating 2,250 tpd of MSW and 200 tpd of kitchen waste for phase 1, and 750 tpd of MSW for phase 2. The total investment of the project will be RMB 1.95 billion.

16.10.2018, www.solidwaste.com.cn

[Link to source](#)

China / WtE project to be developed by CECEP in Tianjin

The Integrated Waste Treatment Project to be built in Dongli District of Tianjin City announced on October 16th that China National Environmental Protection Group would be its developer. The WtE plant involved in the project will have a treatment capacity of 2,400 tpd for phase 1 and 800 tpd for phase 2. The total investment of the integrated project will be RMB 2.66 billion.

16.10.2018, www.solidwaste.com.cn

[Link to source](#)

China / WtE project confirmed in Liuzhou

It was announced on October 12th that SUS Environment, in partnership with China Western Power Industrial Co Ltd and China United Engineering Co Ltd, will jointly develop the new waste-to-energy project planned in Liuzhou City, Guangxi Region. The proposed project will have a treatment capacity of 3,000 tpd, consisting of 4x750 tpd incineration lines and 2x30 MW generators. Three incineration lines will be built in project phase 1. The total investment of the project will be RMB 1.061 billion.

12.10.2018, www.solidwaste.com.cn

[Link to source](#)

China / New WtE facility to be built in Yutai County

Shenzhen Energy Group Co., Ltd. has announced an investment of about RMB 193.55 million (EUR 24.18 million) in a WtE project in Yutai County, Shandong Province. According to the announcement, the bidding procedure for the PPP project should be finalised in the near future. The feasibility study has been completed already. Owner of the Yutai project is Yutai Shenneng Environmental Protection Co., Ltd. The plant should consist of a 400 tpd grate furnace and a 8 MW condensing steam turbine generator set. Project duration is stated to last 30 years, including 2 years of construction.

11.10.2018, www.cninfo.com.cn

[Link to source](#)

China / WtE plant to start commissioning in Meizhou

The Waste-to-Energy project developed by Meizhou Sanfeng Environmental Protection Energy Co Ltd in Meizhou City, Guangdong Province, is currently undergoing testing and ready to start commissioning on 12 October. The project will be developed in 2 phases with a combined treatment capacity of 1,500 tpd, entailing a total investment of RMB 430 million. The first project phase, which is already completed, has a treatment capacity of 1,000 tpd with an installed capacity of 18 MW.

10.10.2018, huanbao.bjx.com.cn

[Link to source](#)

China / WtE project to be completed next year in Taikang County

A waste-to-energy project is currently under development by China Everbright International Limited in Taikang County, Henan Province, and is expected to be operational by mid-2019. Project phase 1 has a treatment capacity of 700 tpd, consisting of 2x350 tpd furnaces and a 15 MW generator, entailing an investment of RMB 400 million. The reserved project phase 2 will have a treatment capacity of 500 tpd.

10.10.2018, www.solidwaste.com.cn

[Link to source](#)

China / WtE plant to be developed in Guangrao County

On 8 October, the tender has been announced for the new Waste-to-Energy plant to be built in Guangrao County, Shandong Province. The facility will be developed as a PPP project with a treatment capacity of 600 tpd, consisting of 2x300 tpd grate furnaces and a 12 MW generator, entailing a total investment of RMB 335.6 million.

09.10.2018, www.solidwaste.com.cn

[Link to source](#)

China / Developer confirmed for integrated waste project in Tianjin

According to the website of China Central Government Procurement, China Everbright International Limited has been confirmed as the developer of the Xiqing integrated waste treatment project to be built in Tianjin City. The bundle project will involve the development of a WtE project with a treatment capacity of 2,250 tpd, a kitchen waste treatment project with a treatment capacity of 200 tpd and other waste treatment facilities. The total investment of the bundle project will be RMB 2.199 billion.

09.10.2018, huanbao.bjx.com.cn

[Link to source](#)

China / WtE project signed in Longquan

Zhejiang Weiming Environmental Protection Co., Ltd has recently announced to have signed a new venous industrial park to develop a WtE project in Longquan City, Zhejiang Province. The project will have a treatment capacity of no less than 300 tpd of MSW, 25 tpd of kitchen waste and 15 tpd of manure, entailing a total investment of at least RMB 200 million.

08.10.2018, huanbao.bjx.com.cn

[Link to source](#)

China / Pinggu WtE project goes online in Beijing

On 30 September, Beijing Environmental Sanitation Group has announced that the Waste-to-Energy project developed by its subsidiary, Jinghuan Lvgu Environmental Management Co Ltd, was successfully connected to the grid and started operations. The project has a treatment capacity of 600 tpd and entailed a total investment of RMB 312 million.

01.10.2018, www.solidwaste.com.cn

[Link to source](#)

China / Zhaoqing WtE plant under construction

Construction works have begun at the new Waste-to-Energy project in Zhaoqing City, Guangdong Province, on 29 September. The project will be developed jointly by China Everbright International Limited and GZ Environmental Protection Investment Group with a treatment capacity of 1,500 tpd, consisting of 2x750 tpd grate furnaces and a 45 MW generator.

30.09.2018, www.solidwaste.com.cn

[Link to source](#)

China / WtE project connected to the grid in Quzhou

The first Waste-to-Energy project developed in Quzhou City, Zhejiang Province, has successfully been connected to the grid on 28 September and is now ready for commercial operations. The project was developed by China Everbright International Limited with a treatment capacity of 1,500 tpd, entailing a total investment of RMB 885 million.

30.09.2018, www.solidwaste.com.cn

[Link to source](#)

China / Expansion for Sanya WtE plant

The Waste-to-Energy project in Sanya City, Hainan Province, will be expanded from 1,050 tpd to 2,850 tpd. The upgrading project is expected to be developed in 2 phases with treatment capacities of 1,200 tpd and 600 tpd respectively, entailing a total investment of RMB 820 million.

30.09.2018, www.solidwaste.com.cn

[Link to source](#)

China / WtE project signed in Shishou

Dynagreen Environmental Protection Group Co., Ltd has announced to have signed a new Waste-to-Energy project to be developed in Shishou City, Hubei Province. The proposed project will have a treatment capacity of 700 tpd, utilising grate furnace technology and entailing a total investment of RMB 380 million.

29.09.2018, www.solidwaste.com.cn

[Link to source](#)

China / WtE plant to be built in Jinzhong

On 27 September, Shanghai Environment Group Co Ltd has been announced as the developer of the new Waste-to-Energy project to be built in Jinzhong City, Shanxi Province. The proposed project will have a treatment capacity of 1,200 tpd, while pre-construction preparation costs will be RMB 131.53 million. The total investment was not disclosed in the source.

28.09.2018, www.solidwaste.com.cn

[Link to source](#)

China / Puning WtE plant to go online soon

The new Waste-to-Energy project under development by Guangye Environmental Protection Industry Group Co Ltd in Puning City, Guangdong Province, will be ready for commission soon. The first project phase, which was under construction since February 2017, has a treatment capacity of 800 tpd and comprises 2x400 tpd grate furnaces as well as a 15 MW generator. Investment costs amounted to RMB 391.5 million.

28.09.2018, www.solidwaste.com.cn

[Link to source](#)

China / Fushun WtE project tenders for developer

A new Waste-to-Energy project is currently being planned in Fushun City, Liaoning Province. A developer tendering announcement for the plant was released on 28 September. The proposed facility will have a treatment capacity of 1,200 tpd, consisting of 2x600 tpd furnaces and 2x12 MW generators, entailing a total investment of RMB 575 million.

28.09.2018, www.solidwaste.com.cn

[Link to source](#)

China / Wangneng Environment to develop WtE project in Xianju County

Wangneng Environment Co Ltd has been confirmed as the private developer of the new Waste-to-Energy project to be built in Xianju County, Zhejiang Province. The project will be developed in two phases with treatment capacities of 300 tpd each, utilising grate furnace technology and entailing a total investment of RMB 203 million.

28.09.2018, www.solidwaste.com.cn

[Link to source](#)

China / Six companies compete for Lijiang WtE project

Six companies have qualified for the next phase of the tendering process for the Waste-to-Energy PPP project to be developed in Lijiang City, Yunnan Province. The project will be developed in two phases with treatment capacities of 600 and 300 tpd respectively, utilising grate furnace technology and entailing a total investment of RMB 374 million.

27.09.2018, www.solidwaste.com.cn

[Link to source](#)

Finland / Equipment tender for WtE plant in Salo

Finnish waste management company Lounavoima Oy tenders the supply of waste-handling cranes, electrification, automation and instrumentation for their planned WtE facility in Salo, Korvenmäki. The deadline for the tender is 22 October, representing the fourth of overall six tenders. Once the facility is constructed it should process 120,000 tpy from 2021 on.

10.10.2018, ted.europa.eu

[Link to source](#)

France / Building license for Ivry-sur-Seine facility

On Wednesday it has been announced that the building permit for the new waste incineration facility in Ivry-sur-Seine was approved. The project will cost around EUR 1.8 billion and should replace the existing plant at the site. The new facility is expected to process 350,000 tpy and should run for at least 23 years. Despite the building permit, the facility has not been fully approved yet, as it still needs an operating license.

03.10.2018, www.francebleu.fr

[Link to source](#)

Germany / Tender for two new furnaces in Ludwigshafen

German company Gemeinschafts-Müllheizkraftwerk Ludwigshafen GmbH (GML) is tendering the design, commissioning and sufficient instruction as well as the documentation of the two new furnaces 4 and 5. The contract will run from 10 July 2019 until 31 January 2025. The deadline to file a tender is 2 November 2018 and the offer has to be valid until 31 October 2019. This is the second tender after a first one published in early 2018 had to be cancelled in June. The WtE plant in Ludwigshafen started operations in 1967 and has a capacity of 200,000 tpy with a current energy generation capacity 9.2 MWeI and 22 MWth.

05.10.2018, ted.europa.eu

[Link to source](#)

India / New RDF incinerator operational in Ludhiana

Company A2Z Waste Management has commissioned an RDF incineration plant in Ludhiana, Punjab. A2Z recently increased its capacity to 1,600 tpd. The plans were first announced in January 2018. However, they had provided for an RDF production plant back then. According to the current source, the 11 MW RDF plant located at Tajpur Road is planned to be accompanied by a composting unit as well as scientific landfilling. While the composting plant should be operational by 15 November 2018, landfilling should not start before March 2019.

08.10.2018, timesofindia.indiatimes.com

[Link to source](#)

India / Last steps before construction of Brahmapuram WtE plant

After the foundation stone was laid 6 months ago, the Brahmapuram WtE project, Kochi, still has to obtain an environmental clearance and sign a power purchase agreement. According to Kochi corporation authorities, the Kerala State Industrial Development Corporation (KSIDC) has the responsibility to secure all permits for the project. The agreement should be signed in the coming days. After these steps are done, it will take around 10 months to complete the first construction phase.

05.10.2018, timesofindia.indiatimes.com

[Link to source](#)

India / Construction works for Tekhand WtE project awarded

The South Delhi Municipal Corporation (SDMC) has awarded construction works at the proposed Tekhand WtE plant. Additionally, the SDMC announced the awarding of a new C&D waste plant in Bakarwala and plans to build another one in Tekhand. According to a project update in 2017, the WtE project in Tekhand should have an intake capacity of 384,000 tpy and a energy generation capacity of 15 MW.

03.10.2018, timesofindia.indiatimes.com

[Link to source](#)

Mexico / Mexico City WtE project halted by Court

The Administrative Court of Justice of Mexico City has ordered the suspension of a contract signed between Mexico City and a consortium of local waste solutions firm Proactiva Medio Ambiente Mexico and Veolia. The 33-year contract comprises designing, building, operating and maintaining a 1.7 million tpa waste-to-energy plant located at the former Bordo Poniente landfill. According to the source, the court's decision was based on the high financial burden of the overindebted Mexican capital. Over the period of the contract the city would have to pay more than EUR 3.6 billion. The construction of the plant is now suspended until the consortium is able to demonstrate that the project in its current form is economically and environmentally the best option for Mexico City.

15.10.2018, www.jornada.com.mx

[Link to source](#)

Oman / OPWP tenders first WtE project

Oman Power and Water Procurement Company (OPWP) is tendering the development of Oman's first WtE project. The facility should be able to process around 1.4 million tonnes of waste per year. Tenders can be filled in till 14 November.

07.10.2018, www.muscatdaily.com

[Link to source](#)

Switzerland / Plans for new WtE facility in Geneva

The Canton of Geneva will receive a new WtE plant by 2023. Plans by Services Industriels de Genève provide for a 160,000 tpy named Cheneviers IV. The current facility Cheneviers III was inaugurated in 1993 and originally designed for 400,000 tpy. Today, it only processes 200,000 tpy as the city has increased recycling rates over the years. The existing plant will have to be demolished and the new one worth CHF 280 million (EUR 245 million) is planned to be built at the same site, while maintaining operations at Cheneviers III. At first, Cheneviers II should be torn off and Cheneviers IV should be commissioned in 2023. By 2025, Cheneviers III should then be demolished.

02.10.2018, www.rts.ch

[Link to source](#)

UK / Approval for Immingham WtE plant

North Beck Energy Ltd received approval for their GBP 220 million WtE facility in Immingham, Isle of White. The plant should process around 500,000 tpy of RDF and generate 50MW of electricity. The facility has an expected construction duration of 3 years with construction scheduled to start within the next 12 months. Once up and running, the plant should be operating for at least 25 years.

12.10.2018, waste-management-world.com

[Link to source](#)

UK / Agreement on WtE facility in Carnbroe

WtE developer CoGen and landowner Simon Howie have reached an agreement to extend a timescale for developing a WtE plant in Carnbroe, Lanarkshire. The facility had received permission under former project developer Shore Energy in 2015. In 2017, CoGen took over the project, increased the plant's proposed capacity by 24,000 tpy to 204,000 tpy and replied for permission. However, the permission was rejected two times by Lanarkshire Council in April and June. Now, CoGen is awaiting a final decision after appealing to Scottish ministers. The timescale of the project will be not affected by that.

08.10.2018, waste-management-world.com

[Link to source](#)

UK / BIG raises investments of GBP 150 million

Bioenergy Infrastructure Group (BIG) has secured investments amounting to GBP 150 million from Infracapital, Helios Energy Investments and Aurium Capital Markets. As further announced by BIG, the additional funding should be invested in new biomass and WtE assets in the UK's renewable energy sector. Including the latest investment, BIG allocated GBP 600 million since its founding in 2015. The company has already invested in 20 UK projects, including the 24 MW WtE facility in Hull, the 21 MW Ince BtE plant in Cheshire and the 20 MW Mersey Bio Energy in Widnes.

08.10.2018, www.letsrecycle.com

[Link to source](#)

UK / Amended Carlisle WtE project approved

Carlisle City Council has given approval to several changes for a WtE project in Carlisle, Cumbria, at Kingmoor Park. The plant received approvals in February 2018. In September 2018, Fortum Carlisle Ltd and Kingmoor Park Properties Ltd filed an application aimed at several changes to the fully permitted proposal. The new plans provide for increasing the amount of processed waste every year by 50%. Moreover, the application provides for the installation of a rolling grate incinerator instead of gasification technology. The plant energy generation capacity should increase from 22 MWe1 to 25 MWe1 and feedstock would jump from 195,000 tpy to 250,000 tpy.

08.10.2018, www.endswasteandbioenergy.com

[Link to source](#)

UK / Hoddesdon WtE project faces opposition

Veolia's 350,000 tpy WtE project in Hoddesdon is facing major opposition during its current environmental permit application process. Most of the 97 responses, predominantly by local residents, to a consultation from the Environment Agency were negative. The Agency itself, as stated in the source, intends to accept environmental permit but its has not yet decided on this matter. Veolia received a draft environmental permit by the Agency in August 2018. The application was called in in February 2018, although it had already been approved by local authorities. Veolia's initial plan was to start construction in 2018 and to commence operations by 2020.

05.10.2018, www.letsrecycle.com

[Link to source](#)

UK / NWLA updates on funding for Edmonton WtE project

As announced by the North London Waste Authority (NLWA), funding for its proposed GBP 500 million North London Heat and Power project at the Edmonton EcoPark should be provided through direct public borrowing. NLWA intends to make a final selection of public funding sources in due course. The search for possible contractors started in July 2018. The tender includes preparatory works, implying construction of a laydown area for material storage and access routes to the site worth GBP 11.4 million. The 70 MWeI plant is expected to be operational by the end of 2025 or 2027 at the latest.

05.10.2018, waste-management-world.com

[Link to source](#)

UK / Capacity expansion at Poolbeg WtE plant on hold

Covanta's plans to increase capacity at its Poolbeg WtE plant by 90,000 tpy has been put on hold. The company withdrew its application to An Bord Pleanála (Irish Planning Board). The application requested a pre-consultation in line with any strategic infrastructure development (SID). However, according to the board, the 600,000 tpy Poolbeg plant had been operational before the Planning and Development Act was amended and therefore pre-consultation was in fact not needed. Covanta may now submit a new application without a new environmental impact survey (EIS). The 61 MW plant is operational since June 2017.

04.10.2018, www.newsfour.ie

[Link to source](#)

UK / Permit consultation on Baddesley RDF project

The environmental permit application for an RDF project in Baddesley, Warwickshire, is open for consultation until 1 November 2018. Infrastructure investment company Equitix initially announced the plans in November 2017. However, certain parts of the current application differ from the 2017 proposal. While the original plans had provided for advanced thermal waste treatment, which include gasification and pyrolysis technologies, the current application mentions the use of moving grate technology. Moreover, according to the new documents, the site should also supply district heating. Plans provide for a single-line facility with a capacity of 130,000 tpy of RDF.

04.10.2018, consult.environment-agency.gov.uk

[Link to source](#)

**Vietnam / Everbright WtE
project in Can Tho becomes
operational**

According to local news reports, an Everbright International WtE plant in Can Tho has entered into its trial operation phase. After 30 days the plant is projected to become fully operational. Once up and running the Everbright facility is planned to have an intake capacity of 128,000 tpa of MSW and an electricity generation capacity of 6.25MW. The plant is operated by the Can Tho Everbright Environmental Protection Holdings Ltd (EB Can Tho). The investments involved in the project amount to approx. USD 45.6 million.

15.10.2018, en.vietnamplus.vn

[*Link to source*](#)

2 Plants

France / Update on Rennes WtE plant restructuring

After the metropolitan company Semtcar had issued an open tender for the design and implementation of restructuring works at Rennes Métropole's energy recovery unit, located in Villejean, in the beginning of 2018, new details regarding the project have been made public. According to local news sources, the project involves investments amounting to EUR 90 million and is inter alia aimed at improving the plant's environmental performance and increasing its heat output. Currently studies are being conducted by the Public Authorities, which have to be concluded so the project is able to proceed. The Rennes WtE plant, which has been active since 1968, has an intake capacity of 144,000 tpa, an electricity generation capacity of 5 MW and a heat production capacity of 33.4 MW.

21.09.2018, www.ouest-france.fr

[Link to source](#)

Germany / WtE facility in Göppingen allowed to process more waste

The County Council of Göppingen approves EEW's plans to increase the capacity of their incineration facility in Göppingen, Baden-Württemberg, from 158,000 tpy to 180,000 tpy. The facility is operated by German company EEW. The contract between EEW and the district is valid till 31 December 2025.

12.10.2018, www.stuttgarter-zeitung.de

[Link to source](#)

Netherlands / Alkmaar WtE plant importing less waste from England

Dutch operator HVC, in charge of the WtE facility in Alkmaar, running since 1996, is obtaining more and more waste from its own environment, instead of importing it from England, which was the case in the past. In 2015 they were still importing 28% of the processed waste, whereas now it is only 7.5%. The plant processes 637,000 tpy and generates around 40.5 MW electricity.

29.09.2018, www.alkmaarcentraal.nl

[Link to source](#)

Poland / Rzeszów WtE facility still in testing phase

The WtE facility in Rzeszów which is operated by PGE GiEK and should process around 100,000 tpy is still in the testing phase. It is not certain when the plant will be able to start with full power. Recently it has been published that the responsible construction company Astaldi is under bankruptcy protection. The total investment sum amounted to almost PLN 285 million.

04.10.2018, nowiny24.pl

[Link to source](#)

Sweden / Tender for bottom ash sorting facility in Malmö

Swedish waste disposal company Sydsnkånes is tendering a bottom ash sorting project in Malmö, next to its WtE facility. The new sorting facility should be operational in 2019 and replace the old one. The tender includes the design, procurement, construction and commissioning of the sorting plant, which should have a capacity of around 100 tph.

05.10.2018, ted.europa.eu

[Link to source](#)

UK / Middlesbrough WtE plant to be connected to district heating grid

For an estimated sum of GBP 40 million, the WtE plant in Middlesbrough, New Yorkshire, should be connected to the district heating network. The 49 MW plant started operations recently and is processing 430,000 tpy of waste. The project, to be realised in partnership with the NHS Trust, Teesside University and Middlesbrough Council, is now entering the procurement stage for a contract to construct and operate the Middlesbrough District Energy Network scheme. Connection to the district heating network should be finished within the next 2 years.

10.10.2018, teesvalley-ca.gov.uk

[Link to source](#)

**USA / Bensonhurst waste
transfer station inaugurated**

The Southwest Brooklyn Marine Transfer Station, located in Bensonhurst, has officially been inaugurated. The facility is expected to handle between 224,000 tpa and 288,000 tpa of waste. The processed waste will be taken to incineration facilities in upstate New York and Virginia, which are operated by WtE company Waste Management. Last year Waste Management has been awarded a 20-year contract worth USD 3.3 billion by New York City to handle parts of the city's waste.

16.10.2018, www.brooklyneagle.com

[Link to source](#)

3 MBT & pre-treatment

Canada / Approval for one-year pilot project at Lafarge Brookfield cement plant

A one-year pilot project was approved by the Environment Department, allowing the Lafarge Brookfield cement plant to burn tyres. Around 5,200 tonnes should be processed in the pilot year by Lafarge Canada, and during the trial monitor air quality, groundwater and surface water in the area will get checked. A former attempt of the cement producer to process tyres was refused in 2007.

11.10.2018, www.cemfuels.com

[Link to source](#)

Greece / Waste management projects in the Peloponnese Region about to be implemented

According to local news reports, Greek Prime Minister Alexis Tsipras and the Council of Ministers have announced the implementation of a waste management project in the Peloponnese Region. The project will be carried out in form of a PPP and was labelled as a project of general importance for the country's economy and regional development. The project involves the construction and operation of an integrated waste management network for the entire Peloponnese Region, able to accept 200,000 tpy of MSW, including 3 waste management plants, 2 waste transfer stations and 3 landfills.

11.10.2018, www.eleftheriaonline.gr

[Link to source](#)

Greece / Test run of Eleftherochori MBT in November

The construction and operation of an MBT facility in Eleftherochori will be discussed in a meeting on 10 October. The test run which was originally set up for 4 October will take place in November before the facility should start operations in early January 2019. The facility will produce organic fertilizer and electricity and was constructed in cooperation with private investors who will take over the facility. There is no information about the region the plant is located in, as Eleftherochori has several locations in Greece and the source does not give information about the province.

03.10.2018, www.ert.gr

[Link to source](#)

Hungary / Tender for the development of a waste management system in Sajó Bódva

The Sajó-Bódva Waste Management Association has tendered the development of a complex waste management system in the Sajó-Bódva Valley, with special regards to separate waste collection, delivery and pre-treatment systems. The contract will inter alia involve the implementation of a waste treatment plant with a capacity of 60,000 tpa. However the technology to be used for the treatment is not disclosed in the source.

11.10.2018, ted.europa.eu

[Link to source](#)

Oman / Be'ah and Oman Cement sign MoU

Government-owned solid waste management company Oman Environmental Services Holding Company (Be'ah) and Oman Cement have signed a memorandum of understanding (MoU). The deal includes the co-incineration of RDF in the form of old tyres collected by Be'ah in the cement kilns of Oman Cement. In total, around 45,000 tpy of old tyres are collected in the country.

09.10.2018, www.cemfuels.com

[Link to source](#)

Poland / Tender for the modernization of the Jarocin waste treatment plant

A tender has been issued for the modernization of the ZGO Jarocin waste sorting plant. The contract will include the repair and modernization of the current installation in the existing facility and the conducting of operational tests. The plant started operation in 2016. The plant has an annual processing capacity of 60,000 tpy of municipal waste. It consists of a sorting facility, 6 composter chambers and a fermentation module, which enables the plant to produce heat and electrical energy.

18.10.2018, ted.europa.eu

[Link to source](#)

**Scotland / MachineX equips
Lanark RDF plant**

Recycling equipment provider Machinex has provided an RDF production plant located in Lanark, Scotland, with a fully integrated sorting system, including shredders, rotary screens, air separators, ballistic separators and optical sorting units. The system is able to process 42 tph of waste. The RDF plant is operated by Levenseat Renewable Energy Ltd. and has a yearly intake capacity of 200,000 tons.

20.09.2018, www.lanouvelle.net

[Link to source](#)

**Spain / New MSW treatment
plant proposed in Loeches**

The Community of Madrid intends to provide EUR 58 million for setting up a new waste treatment plant for MSW in Loeches, Madrid. The facility should be treating MSW from the community's 31 municipalities. This year, EUR 16.5 million will be allocated, while the remaining funds should be provided in 2019 and 2020. The source does not provide information on the scope of the project or the technology planned to be used. The authority estimates that an update on the project time schedule could be made in late 2018 or early 2019. The installation should be operational as soon as possible as the local landfill is nearing its maximum capacity.

08.10.2018, www.retema.es

[Link to source](#)

**UK / Second kiln about to
open at Cemex's South
Ferriby plant**

Cemex's South Ferriby plant in North Lincolnshire is expecting their second kiln to be put back into production next month. The kiln was initially built in 1973 and was the first Cemex kiln globally to use 100% alternative fuels in 2011. The two kilns should produce around 700,000 tonnes of cement per year by processing SRF.

19.09.2018, www.globalcement.com

[Link to source](#)

USA / Business Park in Kent approved

The Kent County Board of Public Works approved the plan to set up an MBT plant for managing the county's waste going along with its USD 500 million business park. The facility is going to be built on 250 acres of land next to the South Kent Landfill. The approval is another step forward to reduce solid waste by 90% by 2020. The funding of the project is planned to be secured by 2021, while operational off-site development and established on-site plans should commence between 2020 and 2022.

12.10.2018, www.grbj.com

[Link to source](#)

4 Company News

China / WtE firm Anhui Shengyun experiences financial difficulties

Chinese waste management firm Anhui Shengyun Environment-Protection Group has failed to fulfill financial liabilities amounting to USD 31 million. After recording a net loss of USD 13.73 million in the first half of 2018, the company is experiencing serious difficulties. Anhui Shengyun is involved in the construction and operation of several WtE projects all over China.

17.10.2018, www.chinamoneynetwork.com

[Link to source](#)

China / Joint Venture between Hitachi Zosen and SUS

Japanese company Hitachi Zosen Corp formed a joint venture with Chinese company Shanghai SUS Environment Co Ltd. This new company which is called KangHeng NichiZou Environmental Technology Co Ltd should implement the maintenance of WtE facilities in China and is supposed to have already started operations. The new company also offers technology consultation, design, procurement, sale and installation guidance. The stakes are splitted 51% and 49% whereby SUS is the majority owner.

12.10.2018, www.businesswire.com

[Link to source](#)

Italy / Falck Renewables SpA plans to sell fully-owned operator

Italian company Falck Renewables SpA published plans to sell their fully-owned waste treatment plant operator Esposito Servizi Ecologici Srl, which operates a WtE facility in Gorle, Bergamo. The business generated a revenue of EUR 7.9 million and a negative EBITDA of around EUR 160,000. The buyer is Italian disposal company IMG 2 Srl who is willing to pay EUR 1.07 million.

12.10.2018, renewablesnow.com

[Link to source](#)

Singapore / Eight rescue financiers show interest to help Hyflux

Environmental company Hyflux is in talks with two investors as the deadline over debt on 19 December is nearing. Furthermore, eight rescue financiers expressed their interest. A further status conference is scheduled for the week of 19 November. The company has a debt amounting to USD 2.95 billion as of 31 March. For ongoing projects, such as the TuasOne WtE facility in Singapore, the company tries to raise SGD 200 million (USD 145 million) in rescue financing.

08.10.2018, www.todayonline.com

[Link to source](#)

UK / Socotec will analyse Biffa's RDF for the next 2 years

Socotec signed a contract with UK-based waste management company Biffa, to analyse their RDF in terms of, for example, moisture content, ash content and calorific value, to make sure the RDF meets the required standards to be used for energy generation. The contract should run for two years. Biffa supplies around 500,000 tonnes of RDF to the UK and Europe every year, where it gets converted into energy.

11.10.2018, www.recycling-magazine.com

[Link to source](#)

5 Policy & Others

Australia / ACOR calls for increased WtE use

In a 10-point action plan, the Australian Council of Recycling (ACOR) calls for various measures to increase recycling rates. ACOR urges the government to take various steps, including increased use of energy recovery from waste (electricity or fuel). Further measures should include further recycling investments worth AUD 1.5 billion, higher landfill fees that are currently inconsistent among the federal states as well as lower taxes for products manufactured with recycled materials.

08.10.2018, www.smh.com.au

[Link to source](#)

India / Legislation amendment gives new hope to Bengaluru RDF co-incineration

A law, which was introduced in 2016 and said that cement factories within 100 km of an RDF plant, have to use at least 5% combustible waste as their fuel, has recently been changed by the Ministry of Housing and Urban Affairs. The radius was extended to 400 km between RDF production and cement plants. As of July 2018, Bengaluru has eight RDF production facilities, generating around 20,000 tpy of RDF. With the former limit of 100 km, only two cement plants had to take a minimum of 5% of RDF as fuel. With the new radius, 12 cement plants are obliged to RDF incineration under the law.

10.10.2018, www.thehindu.com

[Link to source](#)

General Information

The *Waste-to-Energy* Monitor is compiled and issued by ecoprolog GmbH. If you should have any queries, suggestions or proposals, please feel free to contact us at any time.

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