Zeon Yamaguchi Co., Ltd.

**Company Profile**

**Business Description**
Civil engineering materials, water treatment, construction machinery, conservation materials, equipment installation, measurement certifications, working environment measurements, Zeon Corporation product inspections, in-house logistics, product shipments, customs and bond processing for export goods.

Established in 1992 and located on the grounds of Zeon Corporation’s Tokuyama Plant, Zeon Yamaguchi mainly conducts analysis, logistics, and construction work within the plant. We are also engaged in a wide range of other business activities, including construction projects for government bodies and private companies, port gate construction, and soil, water, and atmospheric environmental measurements.

**No. of Employees**
As of March 31, 2017: 69 (50 men, 19 women)
Hiring in FY 2016: 6 (5 men, 1 woman)

**Company Policy (Executive Message)**

**Corporate Philosophy**
We contribute to the local community with the awareness and pride of Zeon Corporation Group employees. Our goal is to be happy to say we work for Zeon Yamaguchi and create friendships.

**Corporate Motto**
(1) Ensure safety and quality above all
(2) Approach all things with sincerity
(3) Maintain our convictions

**Enterprise Blueprint for 2020**
Through both regional businesses reinforcing their environment-related business and Zeon Group businesses reinforcing their technologies and skills, become a stable corporation rooted in local communities.
**Safety Initiatives**

**Policy**
Make productivity improvements using the collective wisdom and action-taking of employees to create a safe and stable corporate foundation.

1. Occupational accident target: 0
2. Traffic violations and accidents in company vehicles target: 0

**Specific Initiatives**
1. Occupational accidents: 2 lost-time accidents (1 at a partner company); Traffic violations and accidents in company vehicles: 0
2. Safety education conducted together with Tokuyama Plant
3. Four teams (five people per team) participated in a contest held over 150 days to have zero accidents and zero traffic violations, with all teams achieving the targets

**Environmental Impact Reductions**

**Policy**
FY 2016 environmental goals
1. Planned reduction of hazardous reagents through environmental analysis (nitric acid consumption: target 30% year-on-year reduction)
2. Green procurement of office supplies (purchase amount: target ¥100,000 or more)
3. Reduce office power consumption by using a solar photovoltaic power generation system
4. Conserve energy by switching office lights to LED lights

**Specific Initiatives**
1. Result of activities to reduce nitric acid consumption: 33% year-on-year reduction
2. Amount spent on green procurement of office supplies: ¥148,000/year (76% of the previous year)
3. Power generation by the solar photovoltaic power generation system: 6,266 kW (1% higher than the previous year); Amount sold back: 1,149 kW (same as the previous year)
4. After switching office lights to LED lights: Reduced power consumption by 413 kWh/month (26% year-on-year reduction)

**Environmental Data**
Our amount of industrial waste and amount sent to landfills have increased since FY 2014, which is due to excess soil from land work at Zeon Corporation’s Tokuyama Plant to prepare for construction of a carbon nanotube plant and to bury fire hydrant pipes. We separated soil that could be reused to minimize the amount sent to landfills.

**Environmental Data**
*“0” indicates less than 0.5 tons, and “0.0” indicates less than 0.005 tons*

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<tbody>
<tr>
<td>Substances subject to the PRTR Act</td>
<td>No. of substances</td>
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<td>Emissions (tons)</td>
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<tr>
<td>Industrial waste</td>
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<td>4,018</td>
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<td>Amount generated</td>
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<td>before compacting</td>
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<td>(tons)</td>
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<td>Amount sent to</td>
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<td>landfills (tons)</td>
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<td>consumption (1,000 m^3)</td>
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<td>(industrial water +</td>
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<td>waterworks)</td>
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<td>CO₂ emissions (tons)</td>
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<td>(crude oil equivalent, kL)</td>
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<td>Electricity consumption (1,000 kWh)</td>
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*Waste in FY 2014 included debris from construction to expand the carbon nanotube plant*

### Relationship with Employees

**Policy**

Human resource development to build interpersonal and leadership skills

**Specific Initiatives**

1. Hold internal trainings for younger employees once a year, and trainings for managers twice a year
2. Send employees to and participate in various seminars; cumulative total of 18 seminars
3. Acquisition of public qualifications by employees; passing rate of 47%

### Relationship with the Local Community

Foster a corporate culture that prioritizes CSR.

**Specific Initiatives**

1. **Volunteer cleanups**
   Volunteers from Zeon Yamaguchi join volunteers from Tokuyama Plant and local residents in cleanups of the Higashi River, which flows near the plant, and neighboring parks and roads.
   • Three cleanups, with a total of 36 participants

   ![Participants](image1.png)  ![Before](image2.png)  ![After](image3.png)

2. **Participation in community events**
   Employees also take part in local sports events, including 24-hour and 6-hour relay marathons, which help foster friendly relations with other participants and increase company name recognition.
   We operate a customs brokerage business, and as such have strong ties to the Customs Agency and participate in community events.

   ![Participants](image4.png)  ![Before](image5.png)  ![After](image6.png)
in customs-related campaigns and other events. Two registered customs specialists participated in a campaign to eliminate smuggled goods held in front of Tokuyama Station.

- Five employees participated in the Shunan 24-hour relay marathon
- Five employees participated in the Yamaguchi 6-hour relay marathon

3. Advertising in publications
To promote our environment-related business, we place ads in local municipal publications in Shunan and Kudamatsu as well as ads in programs for sports and cultural events so that more local residents know about our water quality analysis services.

Ad placed in the local Koho Shunan publication in Shunan City