

**Storing Sustainability: Your Grains, Our Expertise.**





# Introduction - Grain Storage

*You can count on us.*

- Grain Storage** ..2
- About us** ..3
- Our Services** ..4
- Planning to Customer Service** ..5
- Adaptable solutions**
  - Zinc Solution ..6
  - Galvanized Solution ..7
  - Corrugated Sheet ..8
- Additional Components** ..9
  - Accessories ..10
- Digitalization and Automation**
  - Efficiency ..11
  - Traceability ..11
  - Energy Management ..11



**We are your reliable partner.**

An average of 3.5 billion people rely on grains as a staple diet worldwide. Unfortunately, 30% of food produced today is lost en route from farm to fork.

Our goal is to bring this worryingly high number down. How can we go about doing this? By use of competent and efficient grain handling.



# About Us

At Pepattech, we lead the way in agricultural innovation by providing state-of-the-art solutions for silo and grain storage system design, production, and installation.

We put much effort into ensuring the sustainable and profitable management of your grain daily, from designing, building, and commissioning grain facilities to using process control technologies and dependable customer service.

We offer full-service solutions that include raw material washing, drying, storing, transporting, and dedusting.







## Our Services

■ Research and development

■ Consultation, design, planning, project execution

■ Installation and commissioning

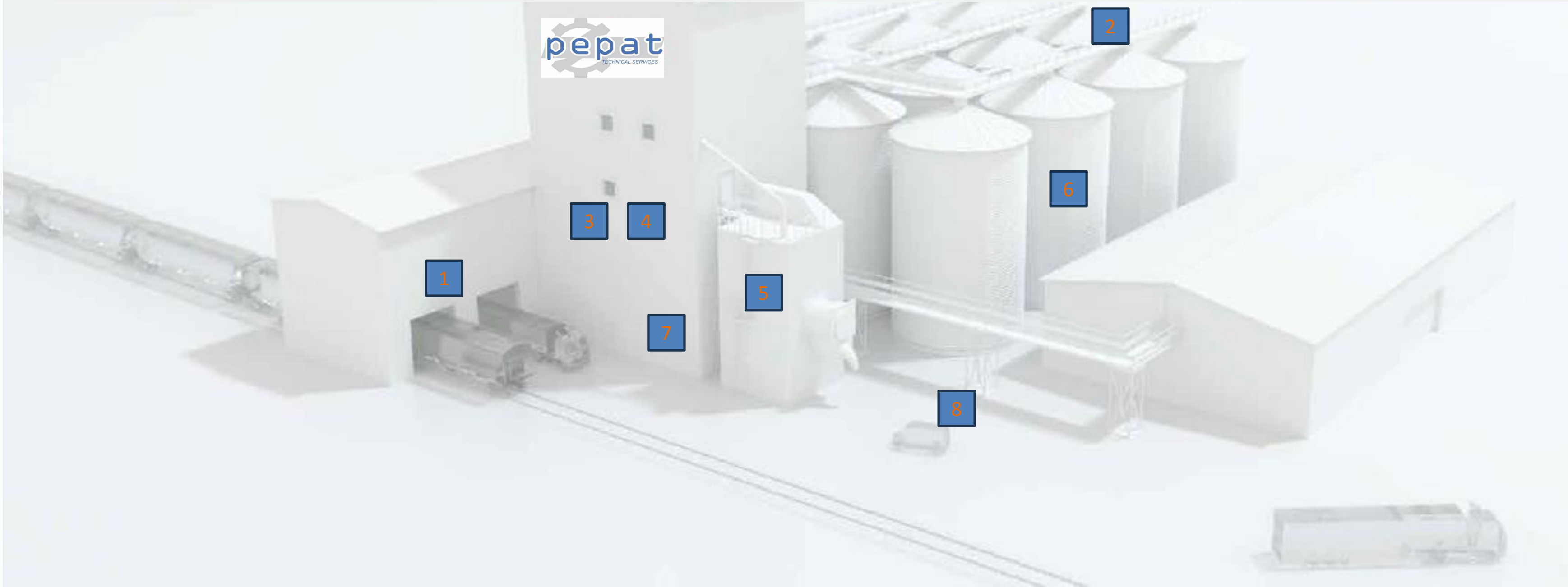
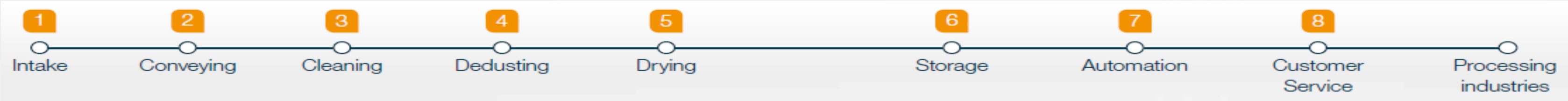
■ Local customer service

■ Training programmes and apprenticeships

# Planning To Customer Service

*We provide you with a reliable service whenever you need us.*

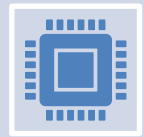
Throughout the whole food value-added chain, we provide you with specialized full solutions, cutting-edge machinery, and countless more individual components tailored to your needs.







These items are suitable for a variety of industries, including ethanol production, animal feed, port facilities, breweries, flour mills, and the drying and storing of raw materials for the plastics industry. They can also be used to produce biofuels.



With silos ranging in volume from 5 m<sup>3</sup> to 65,000 m<sup>3</sup>, the expanding product line enables a storage solution that completely satisfies customer needs.





These items are suitable for a variety of industries, including ethanol production, animal feed, port facilities, breweries, flour mills, and the drying and storing of raw materials for the plastics industry. They can also be used to produce biofuels.

With silos ranging in volume from 5 m<sup>3</sup> to 65,000 m<sup>3</sup>, the expanding product line enables a storage solution that completely satisfies customer needs.





- Truck
- Train
- Ship
- Bag

## 1 Intake



- Screening machines
- Air cleaners
- Drum sieves
- Ultratrieur

## 3 Cleaning



- Continuous flow dryers
- Continuous flow coolers
- Batch dryers

## 5 Drying



- Process automation software
- Measurement and control systems
- Electrical installation and cabinets

## 7 Automation

Processing industries

## 2 Conveying

- Chain conveyors
- Elevators
- Belt conveyors
- Screw conveyors
- Tubular push conveyors



## 4 Dedusting

- Round filters
- Spot filters
- Cyclones
- Hopper aspiration systems
- Container covers



## 6 Storage

- Corrugated steel silos
- Concrete storage bins
- Rectangular silos
- Flat storage warehouses



## 8 Customer Service

- Maintenance and repair concepts
- Spare and wear parts
- Training



• Corrugated steel storage silos offer a sanitary way to store grain, rice, and raw paddy. They can be used in warehousing, handling, processing, and transshipping grain for long-term storage, aeration, and cooling can be added



## Additional Components

### Covering Roof



30° degrees roof to optimize storing capacity and Supplied with or without structure depending on the diameter of the silo and roof loads.

### Pneumatic Filling



Tube for pneumatic filling, galvanized, diameter 100m, and PVC decompression tube, diameter 160mm. Available mechanic and mechanic-pneumatic.

### Weighing Cells



Weighing cells to control consumption.



## Additional Components....cont'd

### Ladder



Ladder from ground to roof or demountable access. Ladder to prevent unauthorized people's entry.

### Sweep Augers



It is used to completely empty the flat bottom silo.

### Roof Inspection Door



Roof hole allowing the entrance to silo from the roof.

### Level Viewer



Level viewer in cylinder and hopper, maximum and minimum. Easy and quick overview.



# Digitalization

## Efficient Factory Automation

The secret to managing a productive and successful operation is transparency and having the appropriate information. You may compare and access the important operational data for your plant automation's database and well-organized interface.

## Traceability

Your production process is continuously monitored by our technology. The technology allows you to easily track a product from input to outtake by storing all process details in a single, centralized database.

## Energy Management

Our automation solution helps you cut expenses and prevent power spikes by monitoring your plant's energy usage.

Reduced energy use also contributes to a smaller carbon footprint for your plant.







Contact us:

Name of company: Pepat Technical Services

Email address: [projects@pepattechservices.com](mailto:projects@pepattechservices.com)

Phone number: +2348188749668

Website: <https://pepattechservices.com>