

## **Sreenivas Sathyamurthy**

VP HSSE & Technical - South Asia

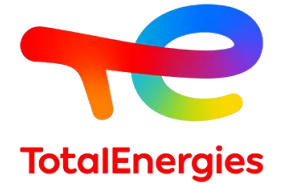
**TotalEnergies Marketing India  
Private Limited.**

With a Bachelor's Degree in Mechanical Engineering from Bangalore University, Sreenivas Sathyamurthy started his career with Indian Air Force for 6 years as a Flight Lieutenant followed by 3 Years in PepsiCo India Holdings and currently in TotalEnergies for 25 Years.

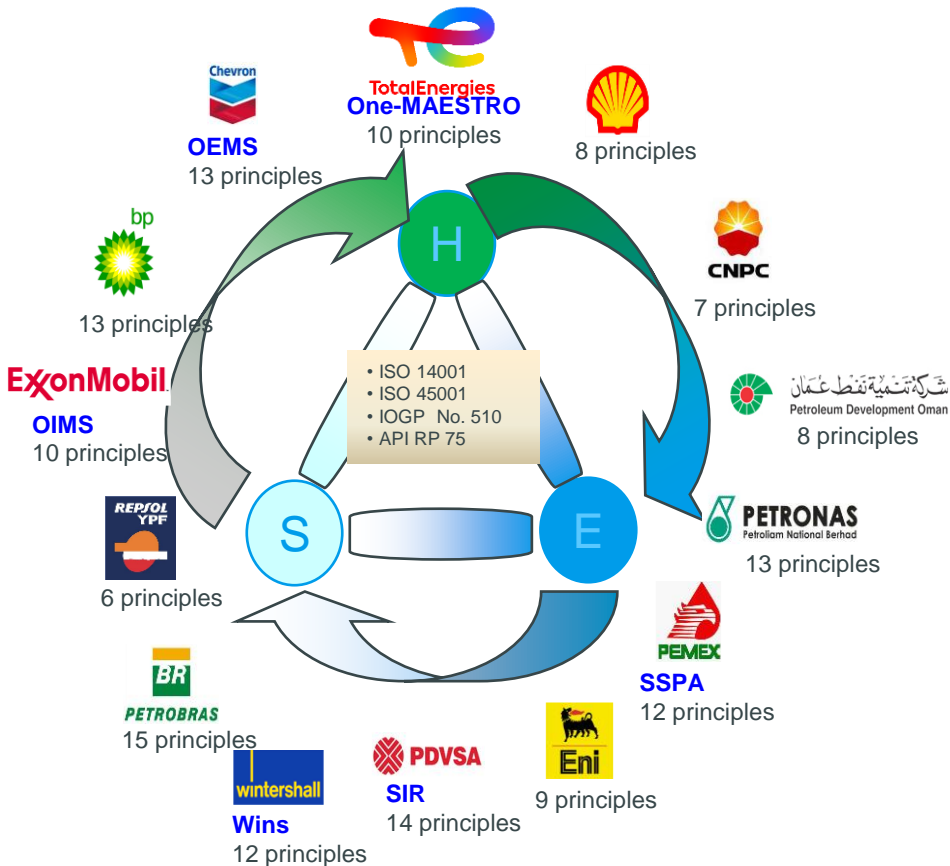
During his tenure in TotalEnergies he has handled various positions in downstream multifuel & Aviation experience both in India as well as in South Asia starting with Terminal Operations, Operations & Logistic, Retail Management and HSSE.

Sreenivas Sathyamurthy is currently in charge of HSSE for TotalEnergies Marketing India Private Limited.

# One-MAESTRO and the Industry



**IOGP: International Association of Oil & Gas Producers**  
*Operating Management System Framework for controlling risk and delivering high performance in the oil and gas industry*  
 Report No. 510, June 2014.



## What does One Maestro mean?

MAESTRO stands for "Management And Expectation Standards Towards Robust Operations". The "One" in One MAESTRO is the outcome from the effort to align the previous management system documents from each Branch into a common reference for the Company. The One MAESTRO management system framework includes the HSE principles and expectations, plus the requirements that are defined in Company HSE rules and the supporting guides. One MAESTRO defines the Company's industrial hygiene, safety and environmental criteria that are to be applied within the entity and affiliate local company management systems.



## Structure of an HSE Management System

- Management leadership
- Employee involvement
- Risk and hazard identification and assessment
- Hazard prevention and control.
- Education and training
- Performance and measurement

## Importance to use an HSE framework

- International standards such as ISO 45001 and company standards revolve around these six items.
- Given the wide range of hazards and risks in the oil and gas industry and the high level of subcontracting, Oil Majors usually take between 8 and 12 areas.
- TotalEnergies has also put emphasis on additional areas such as emergency preparedness and contractors and suppliers
- The advantage: it **helps build a more detailed structured HSE-MS** which explains that One Maestro contains 10 elements called **principles**.

# Best Practices

## SAFETY GREEN LIGHT?

- 1 What is the job to be done?**
  - At what exact location?
  - Do I understand my role and am I able to do it?
  - Have the procedure and work permit been explained to me?
  - Do I have the right tools/protective equipment's for the work?
- 2 What should I do if change occurs?**
  - Change in conditions (environment, co-activities, etc.) during the course of work (need for a tool not initially planned, operating procedure or risk not initially identified, etc.)?
- 3 What could happen that could be serious?**
  - Is there a risk of a fatal accident?
  - Can someone hurt me or can I hurt someone?
  - What will protect me?

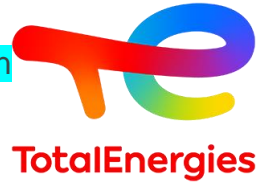


- **What:** pre-job ritual to reflect on life-threatening hazards
- **Who:** all personnel involved in the task including Total personnel if present
- **Where:** on all sites (including remote) for all works performed under a permit-to-work
- **When:**
  - Everything is ready to start a job
  - Every time a job is about to start, to re-start, after a shift handover and any modification
- **How:**
  - Standard included in HSE Company Rule related to Permit to Work (CR-GR-HSE-402)
  - Each worker reflects on the four questions and interact with his co-workers
  - Each worker signs at the back of the permit-to-work prior to starting

## Golden Rules



## Safety Intervention



## Joint Safety Tours

Two critical objectives:

- Bring TOTAL and its Contractors closer to each other in operations at all levels of the organization
- Increase site presence of all stakeholders



Frequency & methodology:

- 1 visit per month
- 1 briefing note (A4)
- + 1 guide (leaflet) to detail the main steps

Operational and Technical positions



In line with the Safety Contract Owners practices

## Safety Ritual



## Connected Helmet



Helmet equipped with a camera configured with the Teams tool to connect in real time with technical expert.

Avoid expert visit to site – Strong carbon saving

Helmet price approx. – Euro 4K (Atex), 3 K (Non Atex)

## Life Saving Checks



- **What:** increase the number of checks on site to measure compliance with our GR Musts and Must no's and complemented by other life saving safety rules or conditions.
- **Who:** relevant site personnel (Contractor and TOTAL, HSE and operational). All observations (TOTAL and Contractors) will be grouped and considered.
- **Where:** on all sites (including remote) for all works including at least one of the 'CORE 5' hazards.
- **When:** routine observations
- **How:**
  - Dedicated check lists with visual supports
  - +/- 10 questions in 10 minutes
  - As such or integrated within existing local tool
  - Display on a weekly basis compliance rate on each site
  - Check-lists will be proposed for integration in TIM (Mobility)

## Generalist HSE Training for all :

- Golden Rules
- Safety induction on site
- Local HSE management system training
- Safety training path of new hires
- New hire safety common curriculum
- 3 eLearning : Safety culture, Road risks awareness, Risk prevention related to physical activities

## Generalist HSE Training for managers :

- Employees attend these generalist HSE training courses as part of their career path and based on the positions occupied:
- HSE for operational frontline managers (3 days, presential)
  - HSE for Managers (3 days, presential)
  - Safety Leadership for Executives (3 days, presential)

## HSE Trainings

### Assessment of HSE competencies for Key Positions

Entities identify the positions that are key for managing HSE risks; an assessment of the HSE competencies of the employees holding the key positions is performed at a determined interval. This assessment is based on the competency profile defined for the position. An action plan will be drawn up by the entity and implemented to address any competency gaps.

## NM & Deviation reporting Tool

