



fives

Industry can do it

2023

FIVES AT A GLANCE

| | |
|------------------------------|-------|
| | 3/6 |
| WHO WE ARE | |
| | 7/18 |
| EXPERTISE & COMMERCIAL OFFER | |
| | 19/20 |
| INNOVATION | |
| | 21/24 |
| COMMITMENTS | |
| | 25/26 |
| EMPLOYEES | |

SUMMARY.



FIVES

An industrial engineering group with multi-sector expertise, Fives designs and manufactures machines, process equipment and production lines for the world's largest industrial groups.

KEY FIGURES

MORE THAN **200** YEARS
OF HISTORY

100 LOCATIONS
IN NEARLY 25 COUNTRIES

MORE THAN **8,500**
EMPLOYEES

€ **2,027** M
SALES

€ **2,346** M
BACKLOG

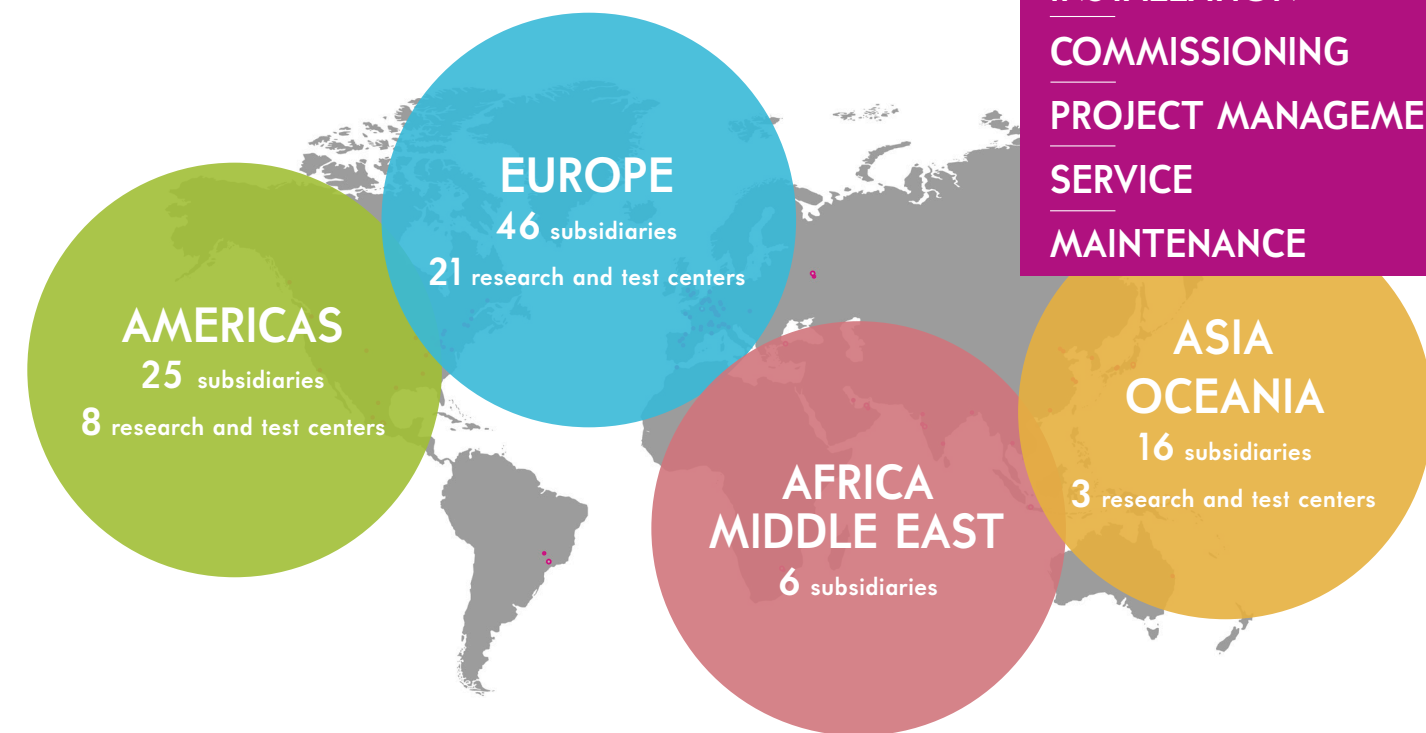
€ **2,786** M
ORDER INTAKE

€ **367** M
EQUITY

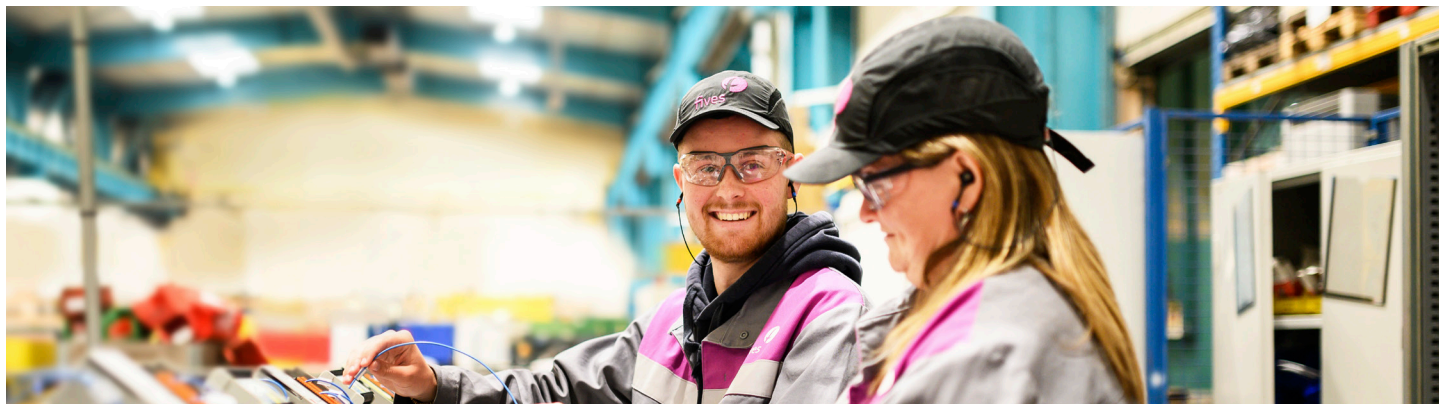
€ **28.8** M
R&D EXPENDITURES

2,267
PATENTS IN FORCE WITHIN 669 FAMILIES

An international presence,
close to our customers and markets



DESIGN
MANUFACTURING
INSTALLATION
COMMISSIONING
PROJECT MANAGEMENT
SERVICE
MAINTENANCE



FIVES, YOUR PARTNER FOR A MORE EFFICIENT AND SUSTAINABLE INDUSTRY

From the first railway lines to the elevators in the Eiffel Tower and industry 4.0, for more than 200 years, Fives has been designing breakthrough technologies and solutions that create industry.

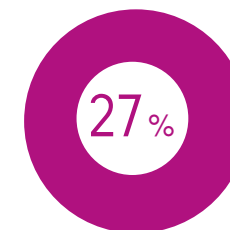
As a pioneer of decarbonization and digitalization, Fives is always one innovation ahead thanks to its ability to anticipate customer needs.

Fives is able to provide both environmental and economic performance in 25 countries, responding to the specific needs of each local market thanks to the support of 8,500 local employees.

ORDER INTAKE BY GEOGRAPHICAL AREA:



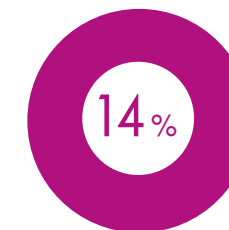
AMERICAS



EUROPE

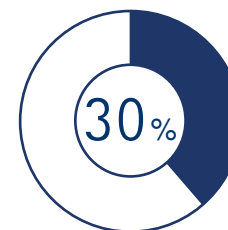


ASIA
OCEANIA

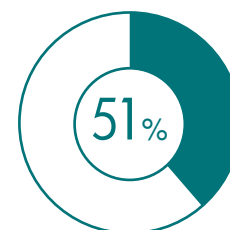


AFRICA
MIDDLE EAST

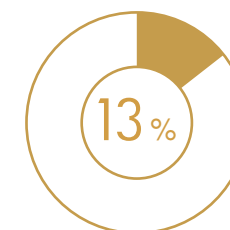
ORDER INTAKE BY ACTIVITY:



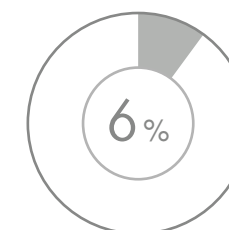
SMART AUTOMATION
SOLUTIONS



PROCESS
TECHNOLOGIES



HIGH PRECISION
MACHINES



OTHERS

An offer serving a number of sectors:

INTRALOGISTICS (MESSAGING, E-COMMERCE, DISTRIBUTION), METALS (STEEL, ALUMINUM), CEMENT AND MINERALS
ENERGY (CRYOGENICS, NUCLEAR ENERGY, COMBUSTION), AERONAUTICS AND DEFENSE, AUTOMOTIVE, GENERAL INDUSTRY

OUR ACTIVITIES



HIGH PRECISION
MACHINES

HIGH PRECISION MACHINES - High-precision machine tools

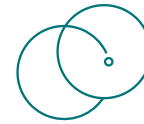
A global offer of complete solutions that provide precision and flexibility to optimize the efficiency and quality of production.



SMART AUTOMATION
SOLUTIONS

SMART AUTOMATION SOLUTIONS - Automation of production flows

Industry leading solutions for sorting, material handling and advanced automation; for the retail market, mass distribution, e-commerce, postal and carrier, automotive and e-mobility, furniture, manufacturing and airports.



PROCESS
TECHNOLOGIES

PROCESS TECHNOLOGIES - Equipment for raw materials and processing industries

Process expertise, proprietary key equipment, sustainable technologies and digital solutions to continuously improve performance and efficiency at each installation while supporting customers and reduce their environmental footprint.



TRANSVERSAL ACTIVITIES AND OTHER ACTIVITIES

Maintenance: industrial maintenance services ;
Piping solutions: engineering, prefabrication, assembly and maintenance for industrial piping projects ;
AI & data processing: service offer based on data collection, processing and AI ;
Customer portal (Fives Connect): digital management and monitoring of installations and equipment.



More information
on Fives' activities:
www.fivesgroup.com



HIGH PRECISION MACHINES

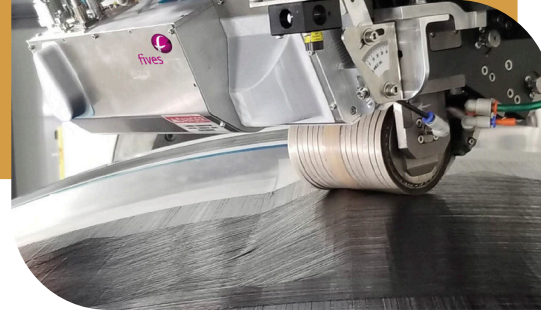
MATERIAL REMOVAL



Machining and metal cutting solutions: milling, turning, milling/turning, boring, robotic and smart system solutions.

Cincinnati, Dufieux, Forest-Liné, Giddings & Lewis, Liné Machines

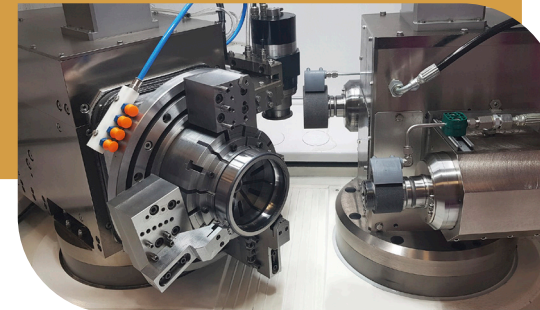
COMPOSITES & AUTOMATED SOLUTIONS



Automated composite processing solutions: tape laying and fiber placement systems.

Cincinnati, Forest-Liné, Lund Engineering

GRINDING | ULTRA PRECISION



Grinding solutions and precision machine-tools: Orbital, Centerless, Surface, ID/OD and Ultra-precision machines. Conventional and superabrasive grinding wheels. Custom engineered diamond and cBN cutting tools; diamond dressing tools.

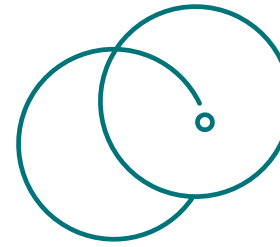
Bryant, Cincinnati, Cranfield Precision, Daisho, Gardner, Giustina, Landis, CITCO Tools, CiBN™, Gardner Abrasives, TruGARD™

SERVICE



A full range of services dedicated to the performance of machine tools throughout their life-cycle.

Global Services, GrinderCare, Machine Tool Services & Solutions



PROCESS TECHNOLOGIES

CEMENT | MINERALS | SUGAR

Cement & Minerals



Technologies at the core of the process (equipment, systems, complete plants, from equipment supply to turnkey delivery), revamping and customers services: crushing, grinding, drying, classifying, flash calcination, pyroprocessing, gas treatment and control & optimization ; allowing for a lower carbon footprint.

FCB, Pillard®, Solios

Sugar



Equipment, process lines and services for sugar and energy production (co-generation of electricity and bioethanol) aiming to carbon neutrality of sugar plants: preparation, extraction (milling and diffusion), purification, evaporation, continuous crystallization, centrifugation, drying.

Cail & Fletcher

ENERGY

Energy | Combustion



Design, supply and construction of customized burners, combustion systems, and controls for furnaces, flares, and boilers. Maintenance services, process optimization and reduction of the environmental footprint.

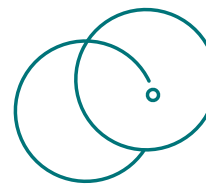
ITAS, North American, Pillard®

Energy | Cryogenics



Brazed heat exchangers, cold boxes, core-in-drums and cryogenic pumps for air separation, distribution, natural gas processing, LNG, olefins and petrochemicals, helium and hydrogen.

Cryomec® (cryogenic pumps)



PROCESS
TECHNOLOGIES

STEEL & GLASS

Steel



Process expertise, digital solutions, reheating and heat treatment furnaces, cold rolling mills and complete strip processing lines for carbon, stainless and silicon steel.

SmartLine, Eyeron™, Stein Digit@l Furnace®, Virtuo™, DMS 20Hi EcoMill, RollBot™, NeoKoil®

Tube and Pipe



Market leader in ERW tube production equipment and finishing equipment for seamless and welded tube and pipe.

Abbey and OTO mills, Bronx straighteners, Taylor-Wilson finishing equipment

Glass



Glass melting and conditioning: all-electric, oxy-fuel or hybrid furnaces, e-boosting, working ends and forehearths, as well as float process expertise, hot-ends and annealing lehrs.

Prium® E-Melt, Prium® Eco-Flex, Prium® Float-Melt, BH-F Forehearth & Working End

ALUMINIUM



Process equipment, digital solutions and complete installations for Carbon and Reduction sectors. Casthouse furnace burners.

ECL, Solios, North American

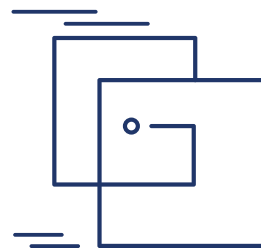
E2MOTION



Automated solutions for the e-mobility (hybrid, 100% electric or hydrogen vehicles), Automotive and Wood industries:

- Precision robotic systems and automation of complex production flows, to deliver very high availability rates and performance ratings
- Laser welding, leak testing and gap filling processes, for flexible and scalable assembly lines
- Filling and charging equipment for automotive and non-automotive markets.

e2Motion consolidates Fives' ambition to promote the ecological transition, at the core of the Group's decarbonization strategy.



SMART AUTOMATION
SOLUTIONS

INTRALOGISTICS

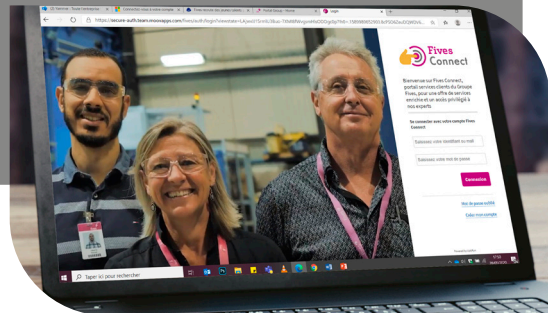


Smart, scalable and sustainable solutions for sorting, handling and advanced automation:

Sorters, singulators, AMRs (Autonomous Mobile Robots), conveyors, AS/RS (storage and retrieval systems), robotic handling solutions, palletizing and depalletizing robots, as well as a wide range of intralogistics management software (Warehouse Management System - WMS - and Warehouse Control System - WCS).

For over 60 years, Fives has been developing innovative products and technologies, some of which have become market standards. The Group continues to innovate to improve its customers' competitiveness, operator working conditions and environmental protection.

FIVES CONNECT



Created as a joint-venture between Fives and Visiati, Fives Connect is a global and flexible digital service platform (24/24 assistance, technical documentation, ticketing and driving of remote maintenance, sale of spare parts, etc.). It integrates data analysis and artificial intelligence solutions to reinforce the management and digital monitoring of installations and equipment.

PIPING SOLUTIONS



Complete tailor-made solutions for piping projects: engineering, prefabrication, on-site assembly and maintenance.

Nordon

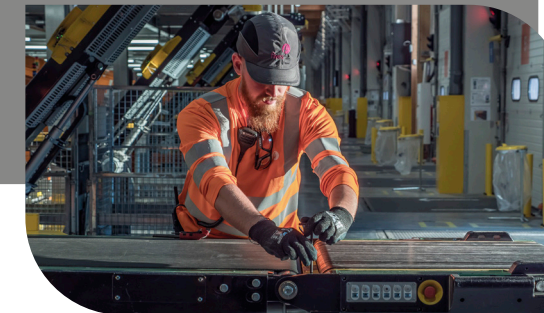
AI & DATA PROCESSING



A service offer based on data processing and AI. Suited to all industrial sectors, it combines use of production data and control of industrial processes.

CortX, DiziScop

MAINTENANCE



Large range of flexible and innovative industrial maintenance services answering the needs for performance, reduced costs and time, and energy optimization for all equipment and all industries.



AddUp, a joint venture between Fives and Michelin, offers its customers complete industrial metal 3D printing solutions, from machine design and supply to services and advice on part production.

www.addupsolutions.com



FIVES IS ALWAYS ONE INNOVATION AHEAD

by anticipating the customer needs.

Our innovation programs support the major technological changes underway, around hydrogen, decarbonization of industry, e-mobility, urban logistics, digitalization and cyber security.

Fives' thorough knowledge of the industrial processes enables its team to respond to the challenges and optimize the operation of the facilities through environmental protection, flexibility, machine availability, quality of finished products.

Through its subsidiary Fives CortX, the Group offers unique connectivity solutions for the digitalization of existing industrial parks. In this way, Fives is responding to the growing demand from its customers to enter the industry of the future.

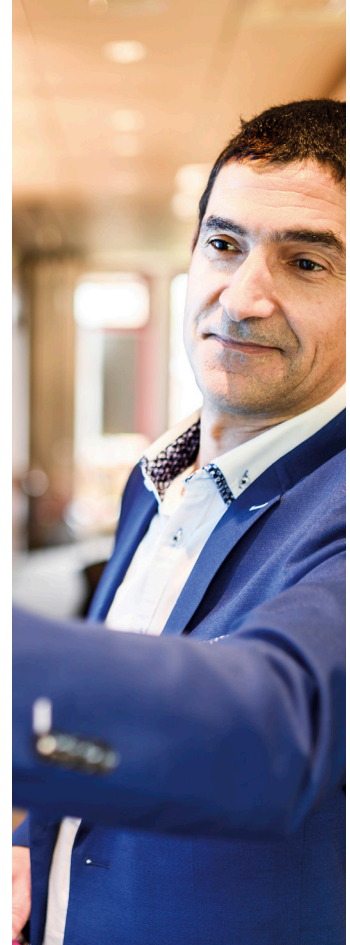
28.8 M€
R&D EXPENDITURES

63 NEW PATENTS
FILED IN 2022

2,267 PATENTS
IN EFFECT WITHIN 669 FAMILIES

32 CENTERS
FOR RESEARCH AND TESTING

As of Dec., 31, 2022



FIVES, A PIONEER OF INDUSTRY DECARBONIZATION



20 years ago, we bet on a bold vision for the industry of the future. An industry that will be digital and decarbonized or not. We also prioritized research and development programs aimed at reducing the environmental impact of our technological solutions. This pioneering spirit has enabled us to become a key partner in the major transformation of the mobility sector, with the electrification of vehicles, and in green hydrogen, being the preeminent provider of the decarbonized energy.” Frédéric Sanchez

For over 20 years, Fives has been pursuing 3 major objectives in the fight against climate change:

1. **REDUCE THE ENVIRONMENTAL IMPACTS** of its locations;
2. **IMPROVE THE ENERGY PERFORMANCE** of its equipment;
3. **CONTINUOUSLY DEVELOPING INNOVATIVE SOLUTIONS** that enable its customers to reduce their carbon footprint.

FIVES IS GOING ONE STEP FURTHER IN ITS CLIMATE STRATEGY BY PROVING THAT INDUSTRY IS ONE OF THE SOLUTIONS TO DECARBONIZATION.

The Group is committed to

REDUCING CO2 EMISSIONS BY 30%* THAT ARE CAUSED BY ITS ACTIVITIES BY 2030

CONTINUING TO DEVELOP SUSTAINABLE SOLUTIONS FOR INDUSTRY THAT IMPROVE THEIR ENVIRONMENTAL PERFORMANCE

- » Implementing proven solutions available on an industrial scale
- » Facilitating the adoption of low-carbon energy sources
- » Improving process control through digitalization
- » Developing new processes
- » Developing energy solutions of tomorrow

DIRECTING ITS BUSINESS DEVELOPMENTS TOWARDS MARKETS THAT CONTRIBUTE TO THE LOW-CARBON TRANSITION

- » Green hydrogen market
- » Battery market
- » Nuclear energy
- » IOT

(compared to 2019) *

FIVES LEADS A PROACTIVE POLICY IN TERMS OF SOCIAL RESPONSIBILITY, ESPECIALLY ON SUBJECTS RELATED TO THE ENVIRONMENT, HEALTH AND SAFETY AND BUSINESS ETHICS.

Fives' CSR commitments are based on five pillars:

- » Solutions contributing to the low-carbon transition of the industry
- » Minimizing the environmental footprint of Fives and its customers
- » Being an employer of choice
- » Contributing to regional development
- » Being a responsible economic player



Fives, a signatory of the UN Global Compact since 2011.

By renewing its commitment to support and report its actions in accordance with the 10 universal principles and the United Nation's Sustainable Development Goals (SDGs), Fives further asserts its commitment to show that industry can do it.



80%

OF FIVES INDUSTRIAL LOCATIONS
ARE ISO 14001 CERTIFIED

4

FIVES SOLUTIONS HAVE RECEIVED THE
"SOLAR IMPULSE EFFICIENT SOLUTION" LABEL

2,83

LOST-TIME ACCIDENT FREQUENCY RATE

0,11

SEVERITY RATE

CSR CHARTER FOR SUPPLIERS AND SUBCONTRACTORS

sets out Fives' expectations of its suppliers in terms of social, ethical, health & safety and environmental issues.

As of Dec., 31, 2022

ABOVE ALL, FIVES IS A GROUP OF PASSIONATE MEN AND WOMEN, WHO ARE ENGAGED AND HAVE A PIONEERING SPIRIT. WE BELIEVE THAT INDUSTRY IS ONE OF THE KEY ANSWERS TO THE MAJOR CHALLENGES OF OUR TIME AND EACH DAY WE SHOW THAT INDUSTRY CAN DO IT.

An industry where nearly 8,500 employees are committed and give purpose to their mission
To create new solutions that improve the daily lives of millions of people
And where sustainability is integrated from project conception.
» Fives focuses 100% of its activities on providing solutions to reduce the environmental impact of its customers.

An industry that values diversity, equity and inclusion
Which provides qualified positions in the heart of our regions
Promotes women in the workplace with over 500 professions
And where nearly 80 different nationalities work together.
» Fives is strengthening its diversity action plans in all the countries where the Group operates

An industry that is committed to the growth of those who will make it prosper
That trains and recruits for high-skilled jobs
Where careers and skills evolve
Where the development of each individual is an absolute priority.
» Fives supports a strong policy of career support and internal mobility, whether it be career or geographical mobility, temporary or long-term.



MORE THAN **8,500**
EMPLOYEES

81
NATIONALITIES

76%
OF EMPLOYEES RECEIVED TRAINING DURING THE YEAR



TO DISCOVER OUR CAREERS AND OUR JOB OPPORTUNITIES
SCAN THIS QR CODE



fives

Industry can do it

Fives

Simplified joint stock company

Share capital €102,723,764

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Edited by the Communications Department of Fives

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