



MIRRICO

GROUP OF COMPANIES

CHEMICAL
AND SOLUTIONS
EQUIPMENT

FOR OIL PRODUCTION,
TREATMENT,
AND TRANSPORTATION

Granulated chemicals



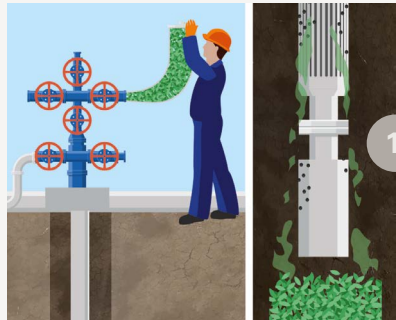
Solid form of the substance enables convenient handling of the chemical and ensures higher effectiveness and cost efficiency: one volume of dry chemical equals to twenty volumes of the same chemical in the liquid form.

1:20

The technology of obtaining granulated products enables to create dual-purpose inhibitors. Customization is possible. Patented by Mirrico.

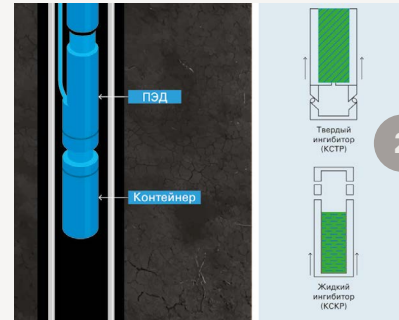
Granulated chemicals application technologies

Method 1: the product is placed into the annular space and gets into dib hole from there. Gradually saturating the environment, the inhibitor together with the flow of the produced fluid reaches the inlet of a submersible pump and then into the borehole (fig.1)



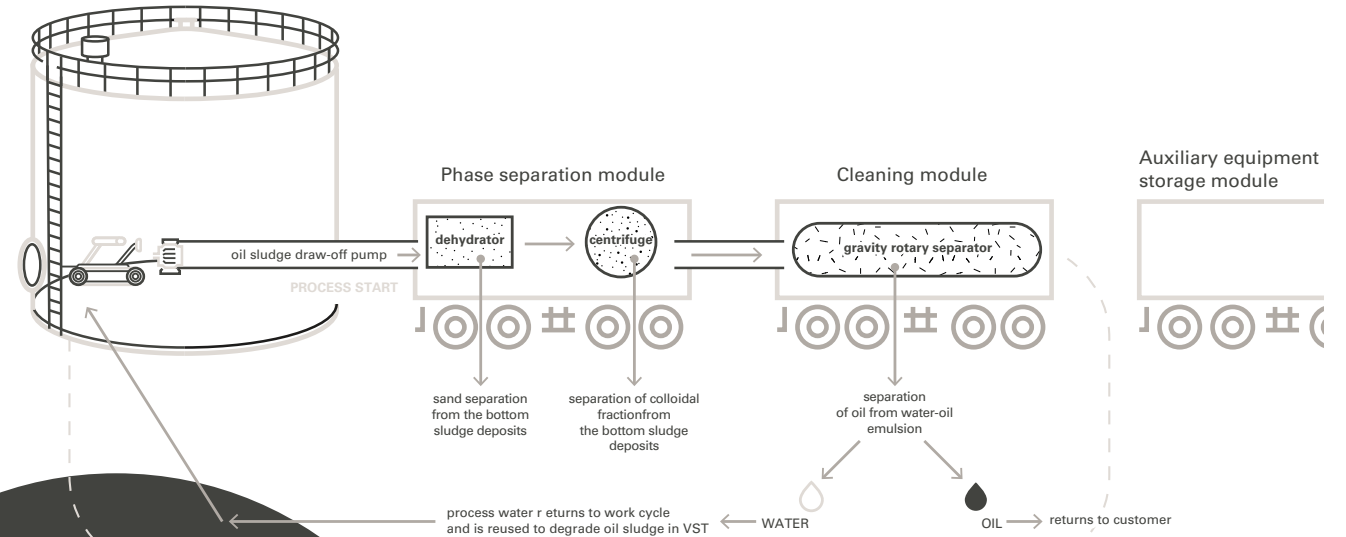
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Method 2: using downhole containers. Container design and granular type of inhibitor enable to avoid the peaking flow back of the inhibitor at the initial stage of operation, which results in a smooth and steady release process. Application of the container does not complicate the rig-up operations and does not require servicing on the wellsite (fig2).



2

MARTin mobile autonomous robotic unit: a technology for cleaning tanks and oilfield equipment with consequent phase separation



Multifunctional robotic scavenger instead of humans - no personnel in VST.

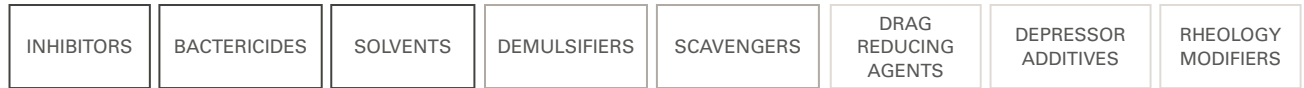
High quality separation of the recovered sludge into oil, water and cake with capacity of up to 40 tons/hour.

The unit and the robot are manufactured fire and explosion proof. Customization for the client's specific requirements is possible.

Business domains of the Mirrco Group's Production Division

Portfolio of the Production Division includes both standard and innovative solutions that meet international requirements for the environmental safety of field operations.

CHEMICALS



- Hydrates
- Corrosion
- Scaling
- Complex effect
- Praffins & ARPD
- Granulated

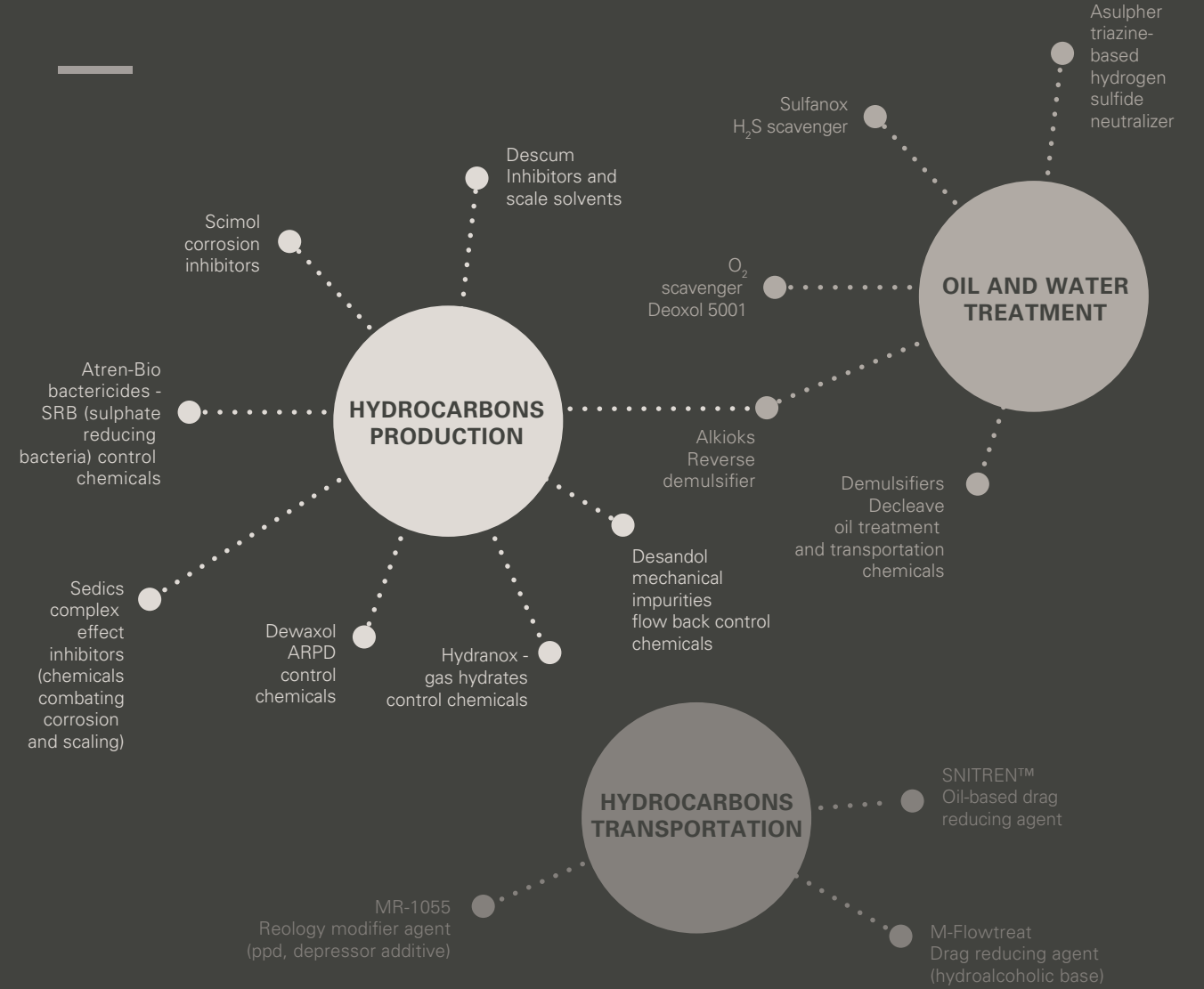
- Scale
- ARPD (asphaltene resin paraffin deposits)

- H₂S
- O₂

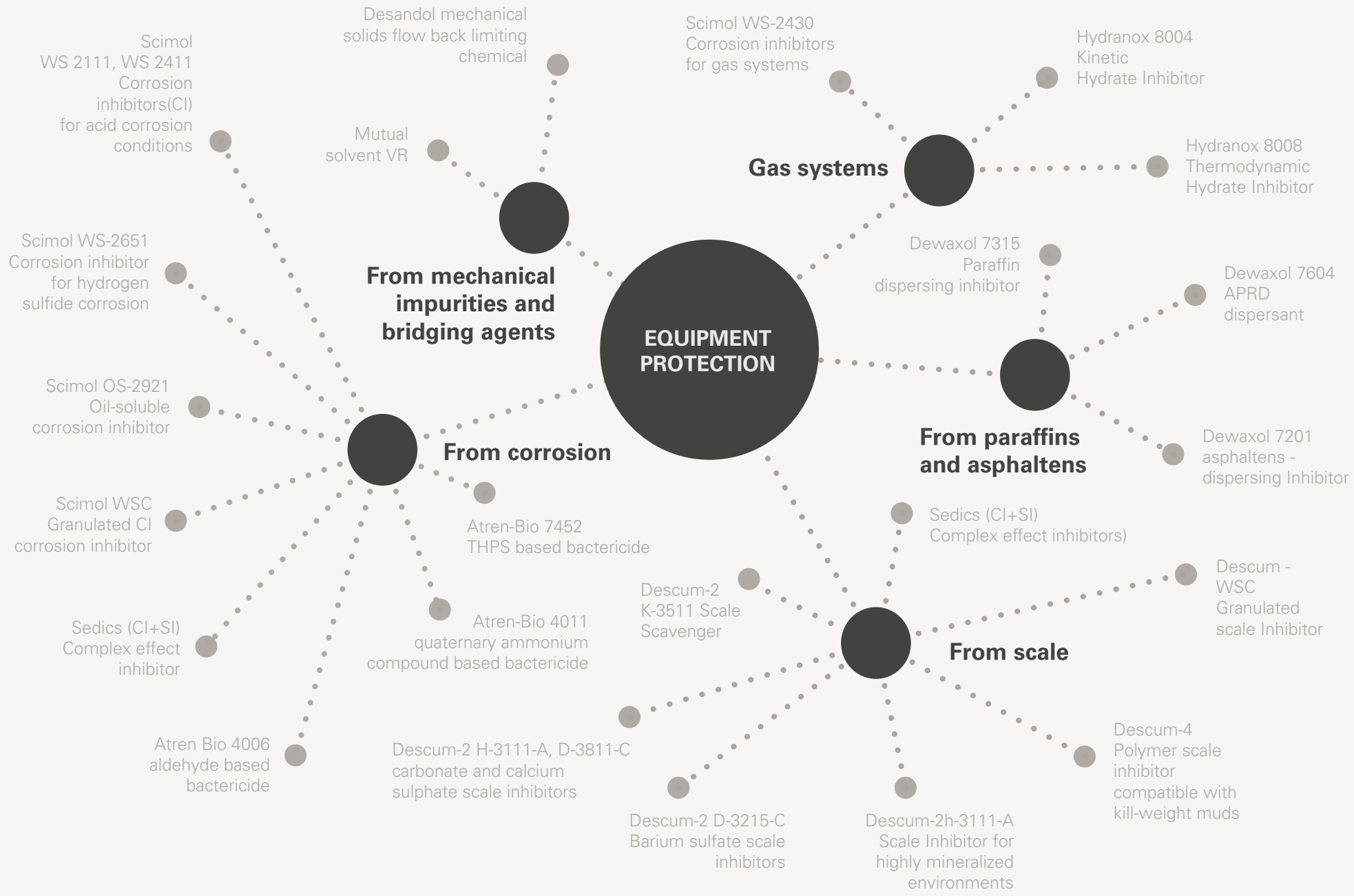
SERVICE



Oilfield chemicals



Oilfield chemicals



Production Division

23

ARTICLES
of chemicals and
services supplied



IN-HOUSE
CHEMICALS
PRODUCTION



R&D

IN-HOUSE R&D
CENTER
AND REGIONAL
LABORATORIES
NETWORK



PROPRIETARY
EQUIPMENT
MANUFACTURING.
ROBOTICS

INTERNATIONAL
CERTIFICATION



BROAD NETWORK
OF OFFICES
in Russia, CIS countries:

Azerbaijan,
Kazakhstan,
Uzbekistan



14

YEARS
IN 4 COUNTRIES



COMPANY
WORKS WITH
ALL MAJOR RUSSIAN
OIL COMPANIES



COMPETENT
STAFF

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OVERSEAS
PROJECTS

in Vietnam, Iran,
Oman, Sudan