

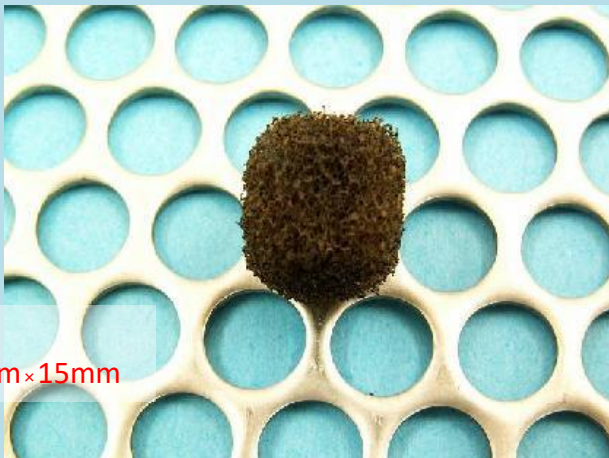
# Carrier Added Activated Sludge Process (LINPOR Process)

Linpor Process is a wastewater treatment process with “*Linpor Cube*” and applies to increase of influent and nutrients removal

## Technology Overview

- Linpor process is activated sludge process that immobilization carriers in a reactor enables **efficient wastewater treatment**.
- Space-saving: Carriers can reduce the footprint of a reactor.
- No clogging: A carrier separator has the enough mesh size.
- High durability: A carrier has good wear resistance.

## Major devices



Carrier:  
12mm×12mm×15mm

Carrier of 15 year old and carrier separator



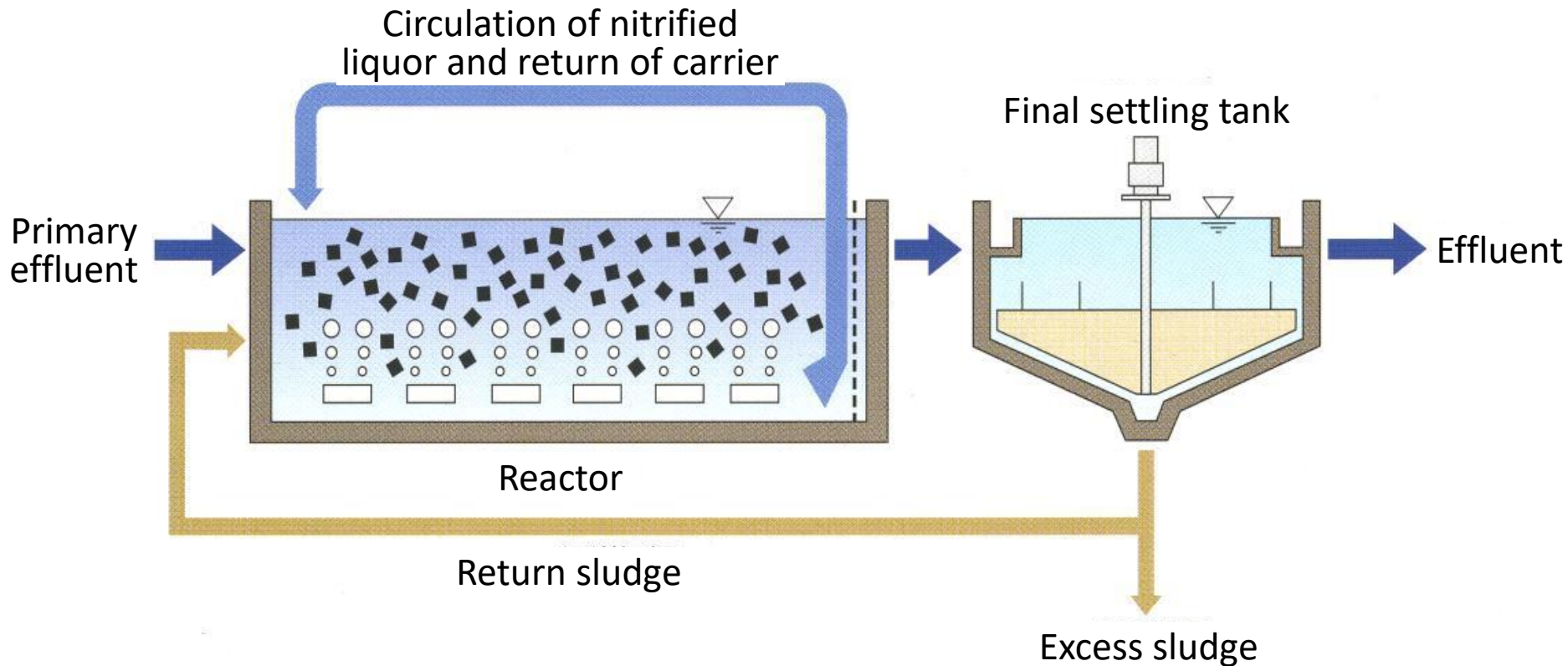
Carrier return pump

# Carrier Added Activated Sludge Process (LINPOR Process)

Applicable to the increase of influent

Scope of Application:  
Conventional activated  
sludge process

LINPOR process requires no additional reactor or final settling tank and still shows better treatment performance than conventional activated sludge process.



# Carrier Added Activated Sludge Process (LINPOR Process)

Applicable to nutrients removal

Scopes of Application:  
modified Ludzack-Ettinger  
process, A<sub>2</sub>O Process

Carriers have highly-concentrated nitrifier/denitrifier can enhance nitrification/denitrification.

