



# 03 – KOSMOS ROADMAP

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# WHAT ARE WE TALKING ABOUT ?

## SW components



- Partitions (existing and future)
- Devkits (existing and future)
- Libraries
- ...

## Tools and processes



- Target manager
- CI
- Autocoding
- ...

## New capabilities



- Future architectures
- Linux based scheduling
- Robotics
- Swarm
- ...

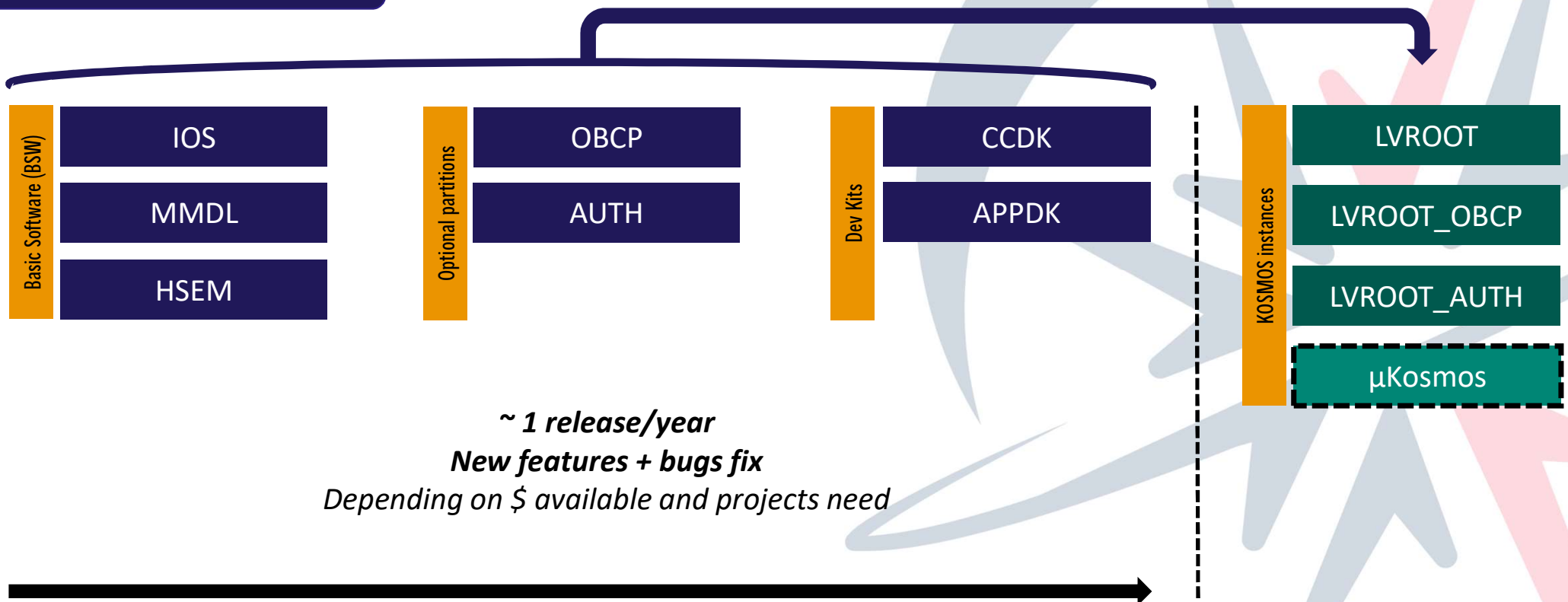


A wide-angle photograph of the Martian surface, showing a vast, flat, reddish-brown landscape. In the foreground, the tracks of a rover are visible, leading towards a small, rounded hill in the distance. The sky is a pale, hazy blue. The image is overlaid with a semi-transparent blue and green gradient.

# SOFTWARE COMPONENTS

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## Legacy partitions



# SOFTWARE COMPONENTS

## New partitions

New specific partitions

AUTOSW

MASSMEM

New partition devKits

LinuxDK

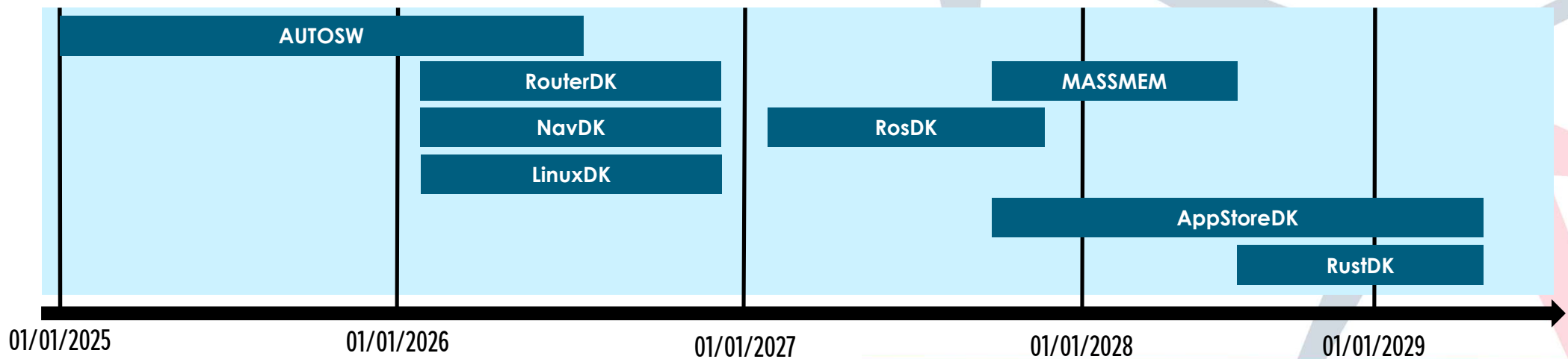
NavDK

RosDK

RustDK

APPStoreDK

RouterDK





# SOFTWARE COMPONENTS

## Libraries



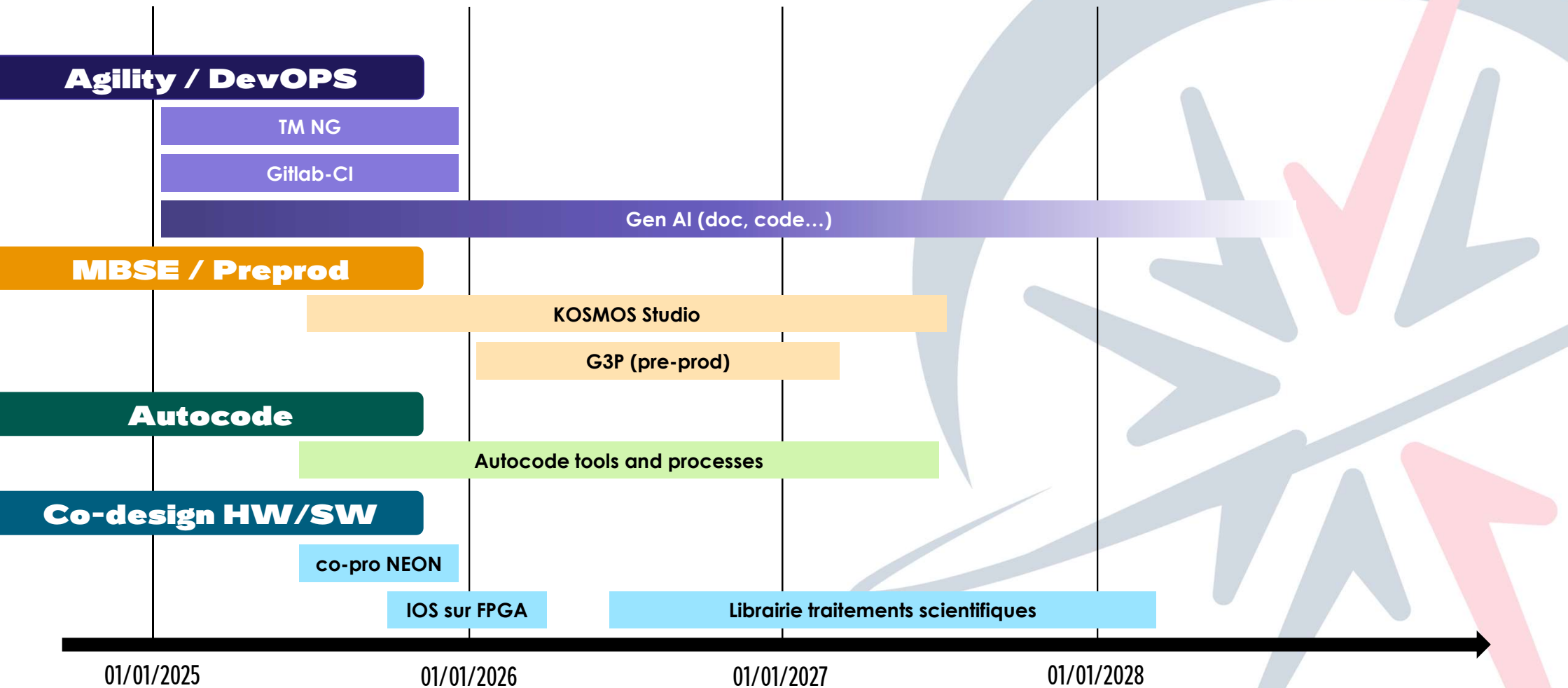
- **libGEN/devkits** : ~ 1 release/year (new features + bugs fix), depending on \$ available and projects need
- **libPUS** : S1, S3, S5, S6, S9, S11, S12, S13, S14, S15, S17, S19, S140 (**v10.5**)  
-> **Coming soon** : **v10.6** introducing **S4 + S21**
- **libPUSC** : S1, S3, S5, S6, S9, S12, S17, S19, S20 (**v0.1**)

**Exploring activities** : Integrate file system capabilities to the libPUSC through S23/S24



# TOOLS AND PROCESSES

# TOOLS AND PROCESSES





# NEW CAPABILITIES

# NEW CAPABILITIES

