Project RADIUS

Ka and Broadband Communications Conference 2022







RADIUS: RAIWAY DIGITALISATION USING DRONES











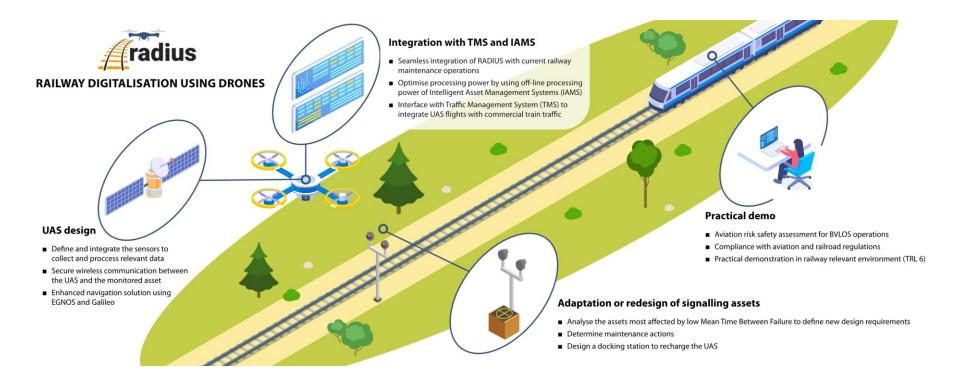




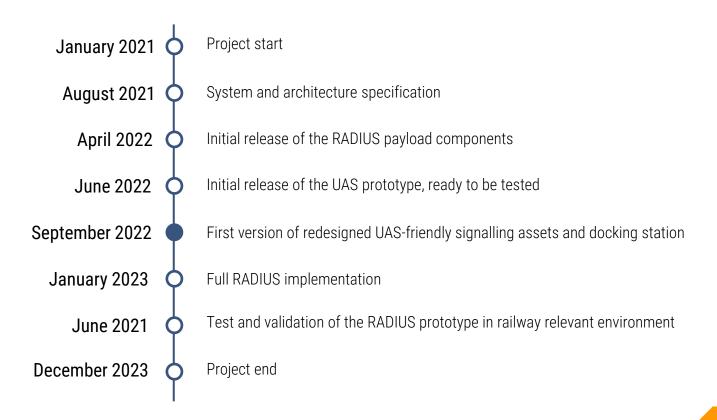
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Project concept



Project Timeline



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Project benefits



More frequent inspections

Increasing the frequency of inspections enables using preventive measures that increase the life span of signalling assets



Safety increase

RADIUS will increase the safety of the maintenance operations and also the operational safety of the railways



Cost reduction

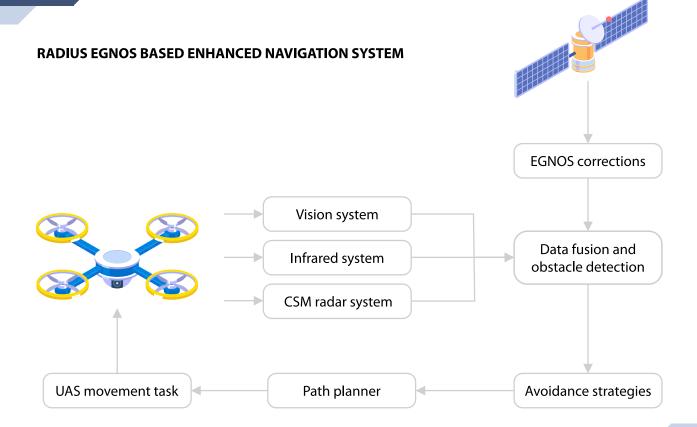
The RADIUS system will be easier to use and will reduce the initial investment and the running costs to maintain railway infrastructures



New business models

The RADIUS concept can be extended to other activities and markets creating new service provision business models







Thank you!

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