

PULSELiON

The logo for PULSELiON features the word 'PULSELiON' in a bold, dark green, sans-serif font. The letter 'E' in 'PULSE' is replaced by a stylized battery icon consisting of three horizontal bars of increasing height from left to right, all in shades of green.

**PULsed Laser depoSiTion tEchnology for soLiD State
battery manufacturing supported by digitalizatiON**

PROJECT PRESENTATION

Presenter:

 project-PULSELiON.eu



Funded by
the European Union

PULSELiON – GA no. 101069686

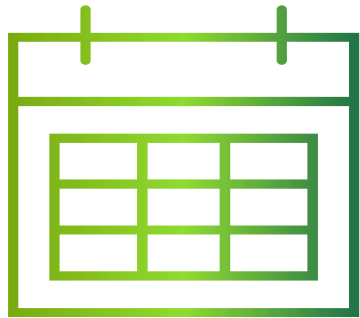
PRESENTATION CONTENT

- ✓ FACTS AND FIGURES
- ✓ THE CONSORTIUM
- ✓ THE BATTERY TECHNOLOGY
- ✓ THE PROJECT CONCEPT
- ✓ THE METHODOLOGY
- ✓ GET IN TOUCH
- ✓ MEDIKIT

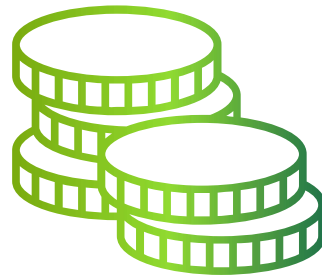


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PULSELiON project facts and figures



48 months
Started 1-9-2022



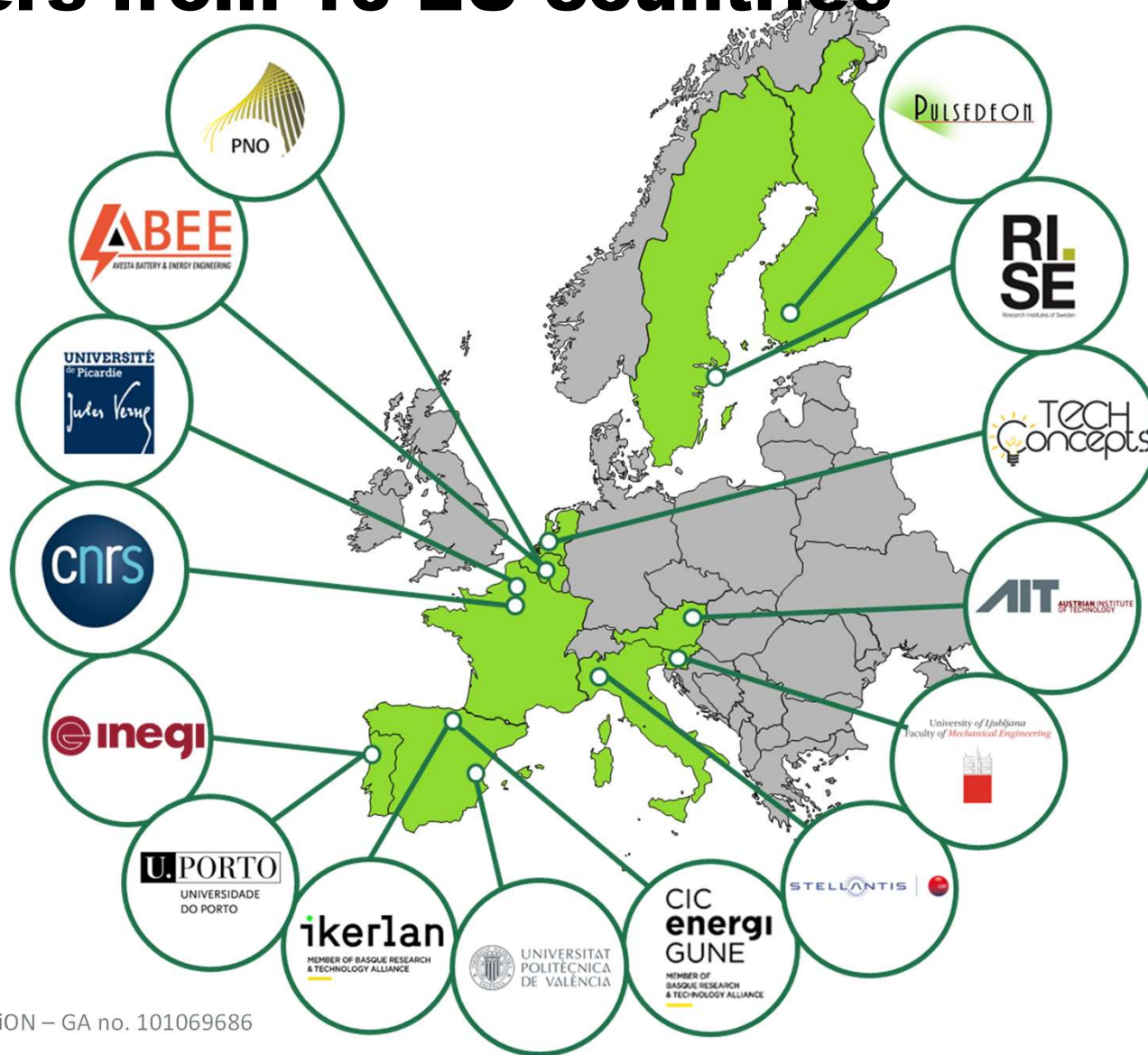
EU contribution
€ 6 998 543



15 PARTNERS
from 10 countries

15 partners from 10 EU countries

PULSELION



Battery technology



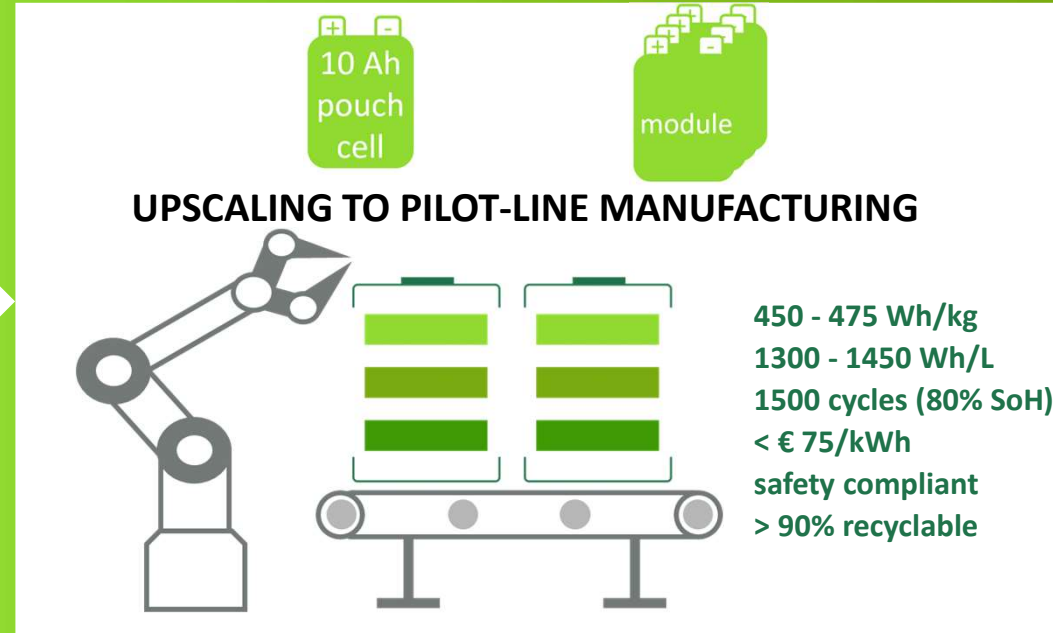
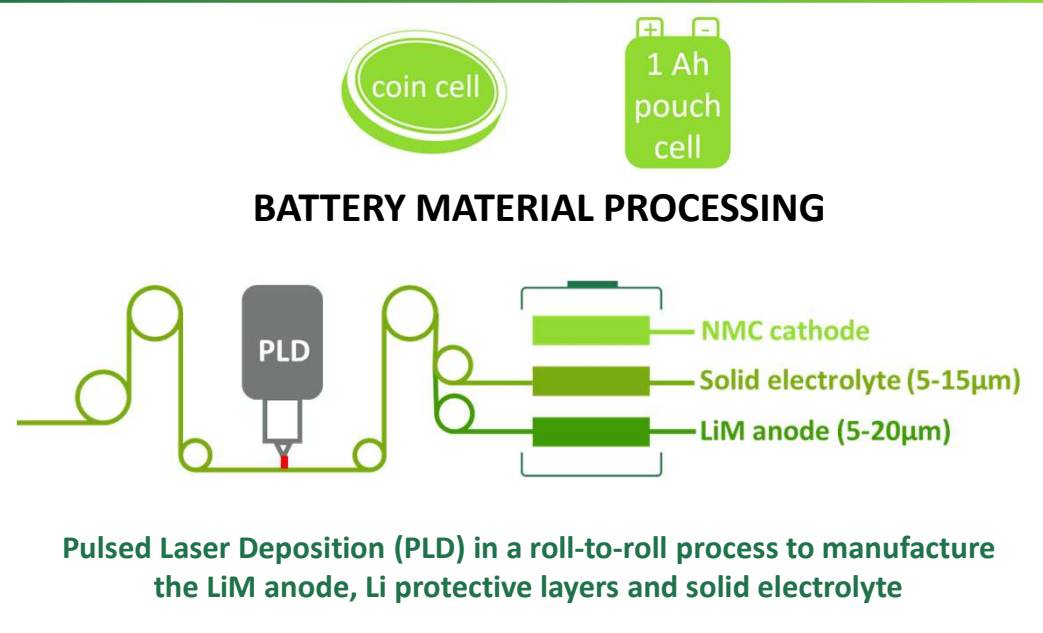
THE PULSELiON BATTERY:

Nickel-rich NMC cathode
manufactured with conventional wet processing techniques

Sulfide-based solid electrolyte (5-15 μ m)
manufactured with novel pulsed laser deposition technique

Lithium-metal anode (5-20 μ m) with protective layers
manufactured with novel pulsed laser deposition technique

Concept

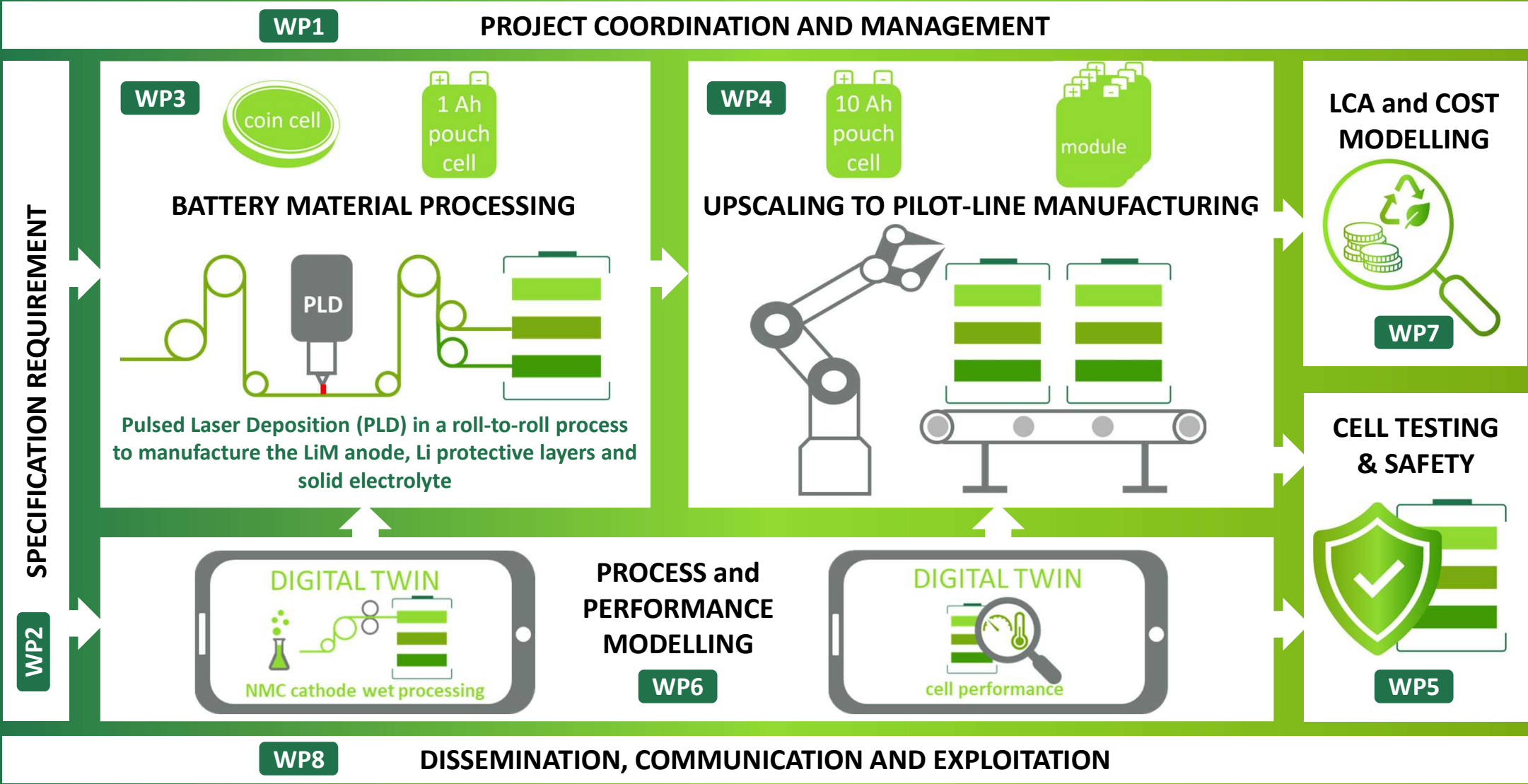


DIGITALISATION

physics-based and machine learning-based models for cathode processing optimization and performance prediction



Methodology



Get in touch

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- ✓ Project coordinator: Anwar Ahniyaz (RISE)
- ✓ Project manager: Maxim Fissoun (RISE)
- ✓ Communication manager: Francisco Ngomo (PNO)
- ✓ Follow us on [LinkedIn](#) or [Twitter](#)!

PULSELiON



University of Ljubljana
Faculty of *Mechanical Engineering*



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MEDIAKIT



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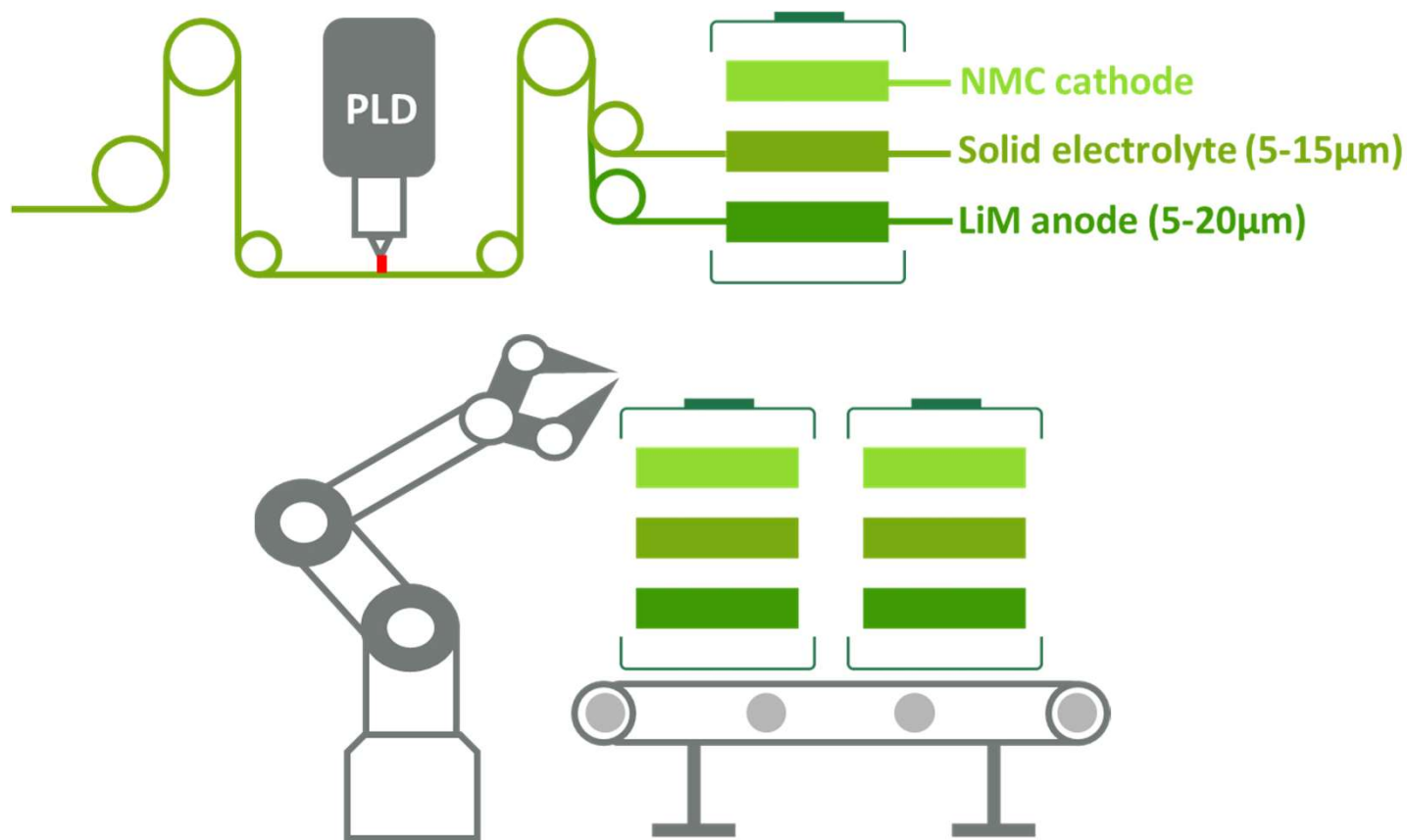
PULSELiON – GA no. 101069686

MEDIAKIT: PULSELiON logo

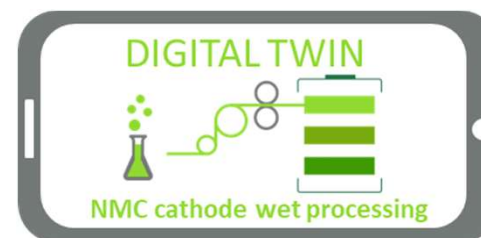
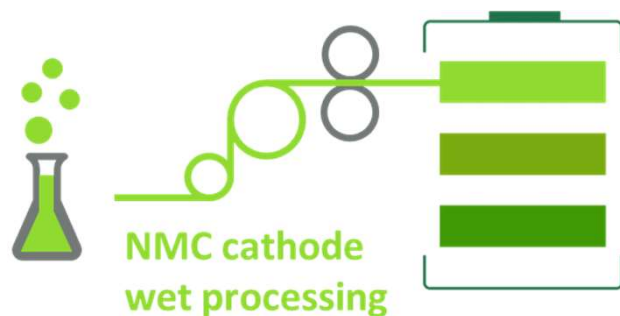
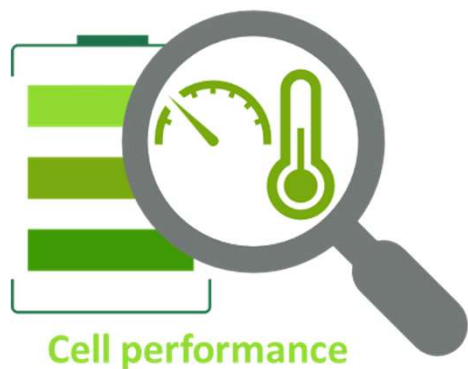
PULSELiON

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MEDIAKIT: content related icons



MEDIAKIT: content related icons



MEDIAKIT: content related icons



MEDIAKIT: Color codes and fonts

#1F724A	#90DA31	#000000	#E3E3E3
#3F9A05		#737977	#F0F0F0
#79AA0F		#B7B7B7	#FFFFFF

FONTS:

ARIAL

ARIAL BLACK