



PHOTOMETRY TO SUPPORT THE UN SUSTAINABLE DEVELOPMENT GOALS

Bergen, A. S. J.¹, Veitch, J. A.²

¹ Vice-President Technical, International Commission on Illumination, Vienna, Austria, ² President, International Commission on Illumination, Vienna, Austria

Correspondence: tonyb@photometricsolutions.com



The International Commission on Illumination (Commission Internationale de l'Eclairage, CIE) is devoted to worldwide cooperation and the exchange of information on all matters relating to the science and art of light and lighting, colour and vision, photobiology and image technology. The CIE works with the Consultative Committee on Photometry and Radiometry (CCPR), to establish the global system of metrology related to light and lighting.

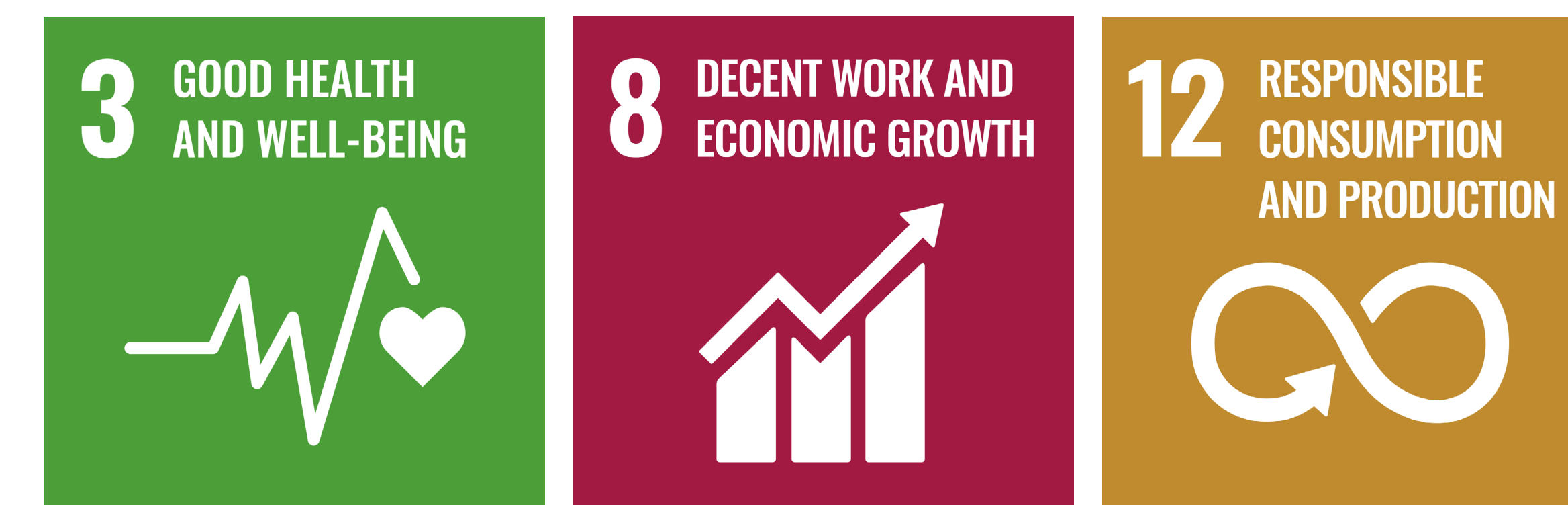
METROLOGY IN LIGHT AND LIGHTING

Definitions of photometric and radiometric units and related quantities, promote traceability to the SI

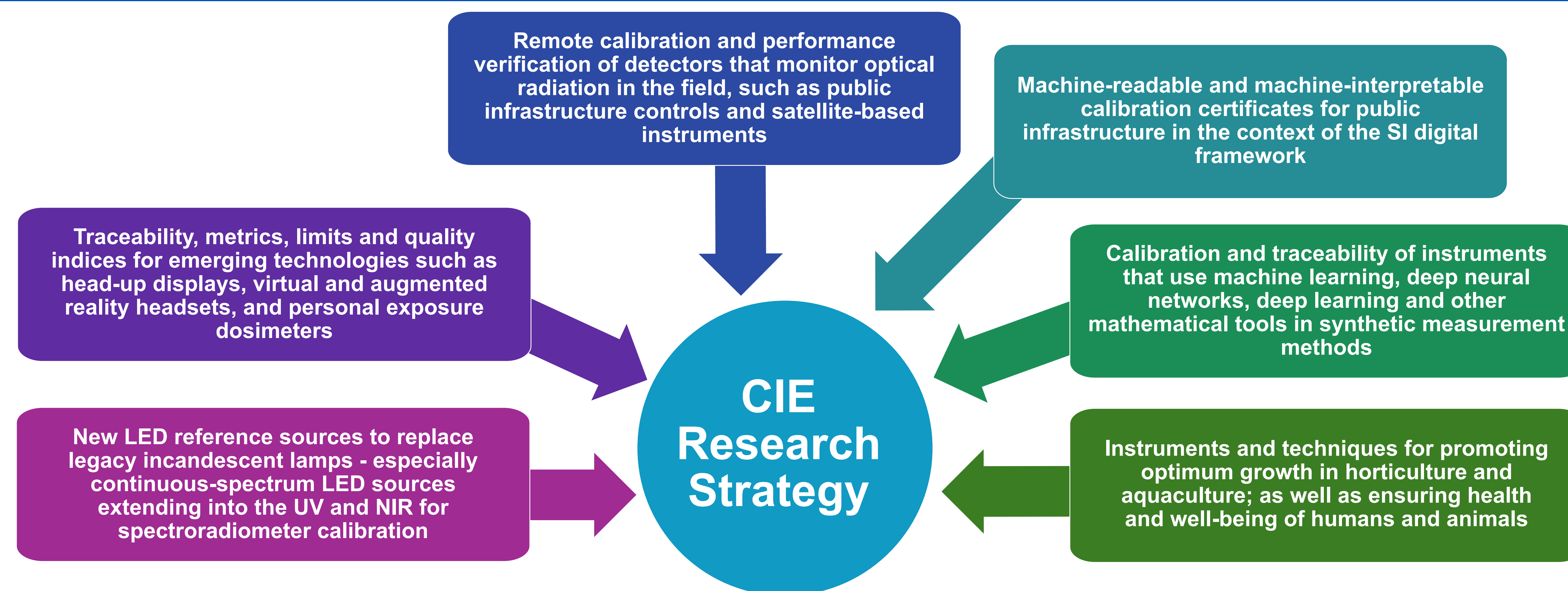
Definitions of photobiological and photochemical quantities, action spectra



The **CIE Research Strategy 2023-2027** exists to guide scientists in the selection of their new research topics and to support research funding bodies in making decisions about which projects to support. The research topics support the achievement of **12 of the 17 United Nations Sustainable Development Goals (SDGs)**. Research related to measurement and calibration in the field of photometry and radiometry specifically would support the achievement of **SDG 3, SDG 8, and SDG 12**.



The CIE calls upon the international metrology community to take up the following identified research gaps related to measurement and calibration in the field of light and lighting:



International Commission on Illumination
Commission Internationale de l'Eclairage
Internationale Beleuchtungskommission

CIE Central Bureau
Babenbergerstraße 9/9A, 1010 Vienna, Austria
Phone: +43 1 714 31 87 | E-Mail: ciecb@cie.co.at



**MIDTERM MEETING
VIENNA, AUSTRIA**

CIE2025 July 4–11, 2025
SCIENTIFIC CONFERENCE: July 7–9, 2025
AUSTRIA CENTER VIENNA