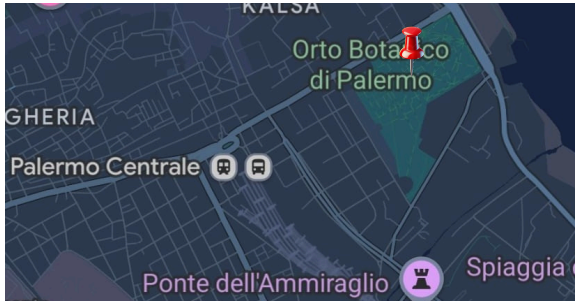
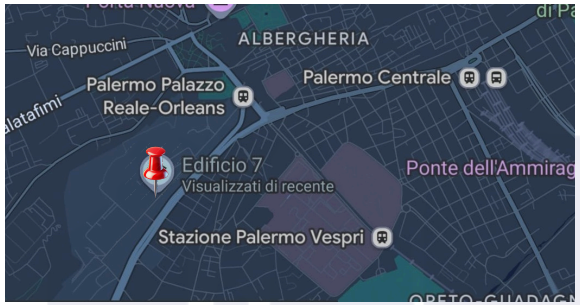
VENUES

Orto Botanico · 28–29 September



Sala Lanza, Orto Botanico, Via Lincoln 2, Palermo

University Main Campus · 30 September - 02 October



Aula Magna Ingegneria (Building 7) & Polididattico (Building 19), Viale delle Scienze, Palermo

CO-LOCATED EVENTS

open to conference participants register at roadlca2026.unipa.it

Climatic Resilience Initiative for Pavement Infrastructure (CRIPI) - CA24141 Training School (http://cripica.com)

Climate Resilient Transport Infrastructure (Workshop 1)
@ Orto Botanico, Sala Lanza

- 28/09 PM — "Alternative Paving Materials" by RILEM TC APS
- 29/09 AM — "Climate Change and Resilient Road Infrastructure"
- 29/09 PM — Industry Workshop: "Decarbonisation through Digitalisation"

Sustainable Transport Infrastructure (Workshop 2)
@ University Main Campus, Building 7

- 30/09 — Conference Day 1 Plenary sessions
- 01/10 — Conference Day 2 Plenary sessions
- 02/10 — Conference Day 3 Plenary sessions
- 02/10 — CRIPI members dedicated sessions

CONFERENCE EVENTS

29 September - WELCOME RECEPTION

- 19:00 - 23.00 - Light dinner and Show @ Orto Botanico

DAY 1 · 30 September @ University Main Campus

Plenary sessions @ Aula Magna Ingegneria (Building 7)

- 08:00 - 08:30 Welcome & Registration
- 08:30 - 09:00 Institutional greetings & opening session
- 09:00 - 09:45 **Morning Keynote:** Em. Prof. F.Butera, PoliMi, IT
- 09:45 - 11:15 **Governments & Academia**: ROADLCA best practices, barriers, policies & implementation worldwide

11:15– 11:30 — Coffee break

- 11:30 - 13:00 **Industry Panel & Debate:** Decarbonizing bitumen and Sustainability Assessement worldwide
- 14:00 - 14:45 **Afternoon Keynote:** Prof. John Harvey, University of California Davis, USA

Parallel sessions @ Polididattico (Building 19)

- 13.00–14:00 — Lunch Break with Poster sessions
- 14:45–16:15 — Room A— *LM1: LCA Data, Inventories, Uncertainty, and Decision Frameworks*
- 14:45–16:15 —Room B— *P1: Climate Challenge, Buy Clean, and EPD Quality Benchmarks*
- 14:45–16:15 —Room C— *MAT1: Production Energy, Emissions, and Recycled Material Construction Systems*

16:15 –16:30 — Coffee break

- 16:30 –18:00 —Room A— *CL1: Climate Adaptation, Nature-Based Solutions, and Cross-Modal Decarbonization*
- 16:30 –18:00 —Room B— *SOC1: Social Impact, Equity, and Inclusive LCSA in Pavement Management*
- 16:30–18:00 —Room C— *CASE1: Field, Material, and Cross-Modal Case Study Innovations*

DAY 2 · 1 October @ University Main Campus

Plenary sessions @ Aula Magna Ingegneria (Building 7)

- 08:30 - 09:15 **Morning Keynote**: *Prof. I.Al-Qadi, University of Illinois Urbana Champaign*
- 13:45 - 14:30 **Afternoon Keynote**: *Prof. M.Traverso, University of Aachen, Germany*

Parallel Sessions @ Polididattico (Building 19)

09:15–09:30 — Coffee break

- 09.30–11:15 —Room A— *LM2: Decision Optimization, Logistics, and Material Sourcing in LCA*
- 09.30–11:15 —Room B— *P2: EPD Ecosystems, Procurement, and Agency Program Design*
- 09.30–11:15 —Room C— *MAT2: Circular Asphalt Materials and Bio-Based/Modified Binders*
- 11.15–12:45 —Room A— *CL2: Network and Long-Term Emissions Pathways*
- 11.15–12:45 —Room B— *MAT2: Bio-Based and Modified Asphalt Materials*
- 11.15–12:45 —Room C— *USE1: Use Stage, End-of-Life, and Surface Impacts*

12.45–13:45 — Lunch Break with **Poster sessions**

- 14:30–16:00 —Room A— *LM3: Logist.,Material Sourcing in LCA*
- 14:30–16:00 —Room B— *P3: Procurement, Minimum Environmental Criteria, and Program Design*
- 14:30–16:00 —Room C— *CL2: Decarbonization Programs, Policy, and Carbon Management*
- 14:30 - 16:00 *Young Member Comm. Roundtable Discussion*

16:00–16:15 — Coffee break

- 16:15–17:45 — *MAT3: Maintenance, Rehabilitation, and Network Benefits*
- 16:15–17:45 — *SOC2: Community, Health, Circularity, and Resource-Efficient Maintenance*
- 16:15–17:45 — *CASE2: Cross-Modal, Construction, and Heavy-Duty Applications*

1 October - GALA DINNER

- 19:15 - 24.00 - Villa Igea, Salita Belmonte, 43, 90142 Palermo PA (for the first 200 registered)

DAY 3 · 2 October @ University Main Campus

Plenary sessions @ Aula Magna Ingegneria (Building 7)

- 09.00 - 10.00 **Morning Keynote**: Dr. S,Magni Univ. of Milan
- 13.15 - 14.15 - **Closing Session:**
- **CRIPI Roadmap** presentation by CRIPI trainee
- **Panel Discussion** *J.Harvey, I.Al-Qadi, G.Flintchs, D. Lo Presti*

Parallel Sessions @ Polididattico (Building 19)

- 10:00–11:30 —Room A— *LM4: Material-Specific LCA Methods and Evidence*
- 10:00–11:30 —Room B— *MAT4: Durability, Additives, and Long-Life Pavement Benefits*
- 10:00–11:30 —Room C— *CL4: Circularity, Alternative Materials, and Climate Emissions*

11:30–11:45 — Coffee break

- 11.45–13:15 —Room A— *LM5: Digital Tools, Geosp. Platf, AI*
- 11.45–13:15 —Room B— *MAT7: Functional, Bridge, and Circular Material Systems*
- 11.45–13:15 —Room C— *CL6: Digital Integration, BIM, and Cross-Modal Decarbonization*

POST-CONFERENCE SOCIAL EVENTS

***2-4 October** with registration at roadlca2026.unipa.it*

- Tours: Palermo by Walking, Palermo by Sea, Palermo by Air

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registration: *http://roadlca2026.unipa.it*

Conference Secretary

eventi@smartpms.eu

ABOUT ROADLCA2026

ROADLCA2026 is the 7th edition of the international conference dedicated to Life Cycle Assessment of road transport infrastructure. Hosted by the University of Palermo, the conference, in this form for the first time in Europe, brings together leading researchers, engineers, road authorities, policymakers and industry from around the world to exchange knowledge and foster international collaboration towards more sustainable transport systems.

Key topis is the role of life cycle thinking in advancing the sustainability, resilience and decarbonisation of transport infrastructure: from design and material production to construction, operation, maintenance and end-of-life. ROADLCA2026 will showcase research (almost 200 presentations), industry best practices and policy developments, promoting dialogue on the harmonisation of sustainable approaches at both European and global levels.

Conference Chairs

- Davide Lo Presti, Univ. of Palermo — Chair
- Clara Celauro, Univ. of Palermo — Local Co-Chair
- John Harvey, UC Davis — International Co-Chair
- Imad Al Qadi, UIUC — International Co-Chair
- Gerardo Flintsch, Virginia Tech — Intern. Co-Chair
- Hasan Ozer, Arizona State Univ. — Intern. Co-Chair
- Ana Jimenez Del Barco Carrion, Univ. of Granada — Intern. Co-Chair

International Organising Committee

- Maurizio Cellura, University of Palermo – CSTE
- Anna Granà, University of Palermo
- Gaetano Di Mino, University of Palermo
- Sonia Longo, University of Palermo – CSTE
- Antonio Covais, Circular srl
- Maria Luisa Tumminello, University of Palermo
- Manuel De Rose, University of Palermo
- Konstantinos Mantalovas, University of Palermo
- Eugene Amrah, Virginia Tech, USA
- Lara Diab, University of Illinois Urbana-Champaign
- Ariane Lucia Lúcia Oss-Emer, University of Granada

Palermo

RoadLCA2026

7th International Symposium on Pavement, Roadway, and Bridge Life Cycle Assessment

30 September – 2 October 2026

Palermo, Italy

roadlca2026.unipa.it