

- I. Introduction and Learning Objectives**
- II. Steel + Zinc = Sustainability**
  - a. Defining Sustainable Development
  - b. Environmental Impact Methods
  - c. Steel + Zinc – Natural, Abundant
  - d. Hot-Dip Galvanizing: Reuse, Reclaim, Recycle
- III. HDG Environmental Performance**
  - a. Hot-Dip Galvanizing & LEED v4
  - b. BPDO Credits
- IV. Hot-Dip Galvanizing: EPD and LCA**
  - a. EPD Scope & Definitions
  - b. Industry Average EPDs
  - c. Full Life-Cycle Assessment
- V. LCA Case Studies**
  - a. Balcony Structure
  - b. Parking Structure
- VI. HDG Economic Performance**
  - a. Cost Case Study
- VII. Summary**