

Welcome to the Dundee Secondary Plan Public Engagement Meeting No.1

We are planning a new community in southwest Kitchener and we need your help!

This is a transformative opportunity to stitch existing and new communities together and enable the development of a complete, resilient, and connected community.



The Dundee Secondary Plan study area is located on privately owned land and within the Blair Creek and Cedar Creek Subwatersheds and is primarily agricultural land and natural heritage greenspace.



To learn more about the project and participate in the process visit www.engagewr.ca/dundeesecondaryplan or scan the QR code.

Integrated EA and Planning Process

The Dundee Secondary Plan is being completed as an Integrated Environmental Assessment (EA) under the *Environmental Assessment Act* and *Planning Act*.

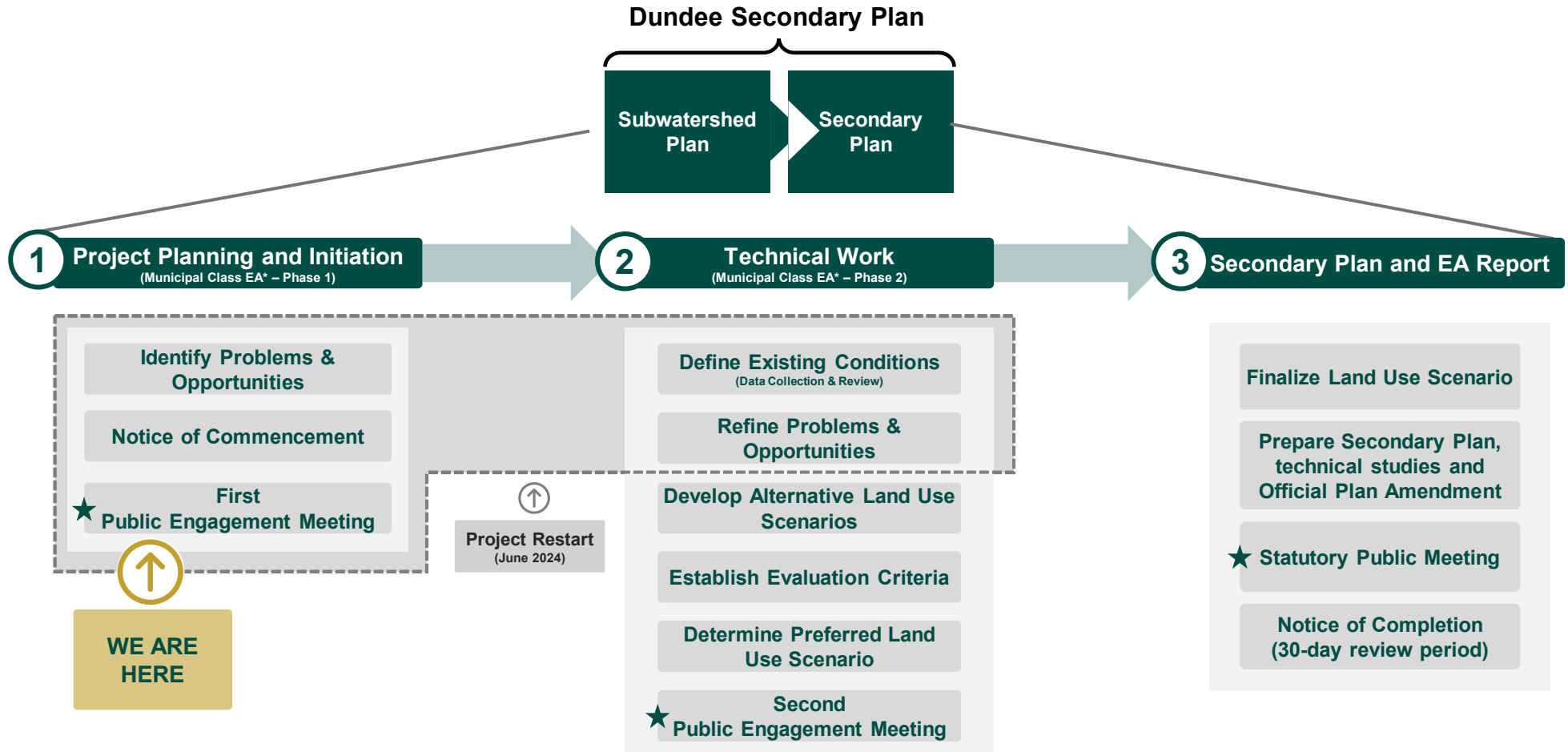
The following problem and opportunity statement has been developed to guide the process:

“The Dundee Secondary Plan will follow the *Environmental Assessment Act* and the *Planning Act* processes to shape development through a coordinated approach addressing growth, servicing, climate change, natural environment, cultural resources and connectivity in the new community”

Dundee Secondary Plan
will complete this part of the planning process



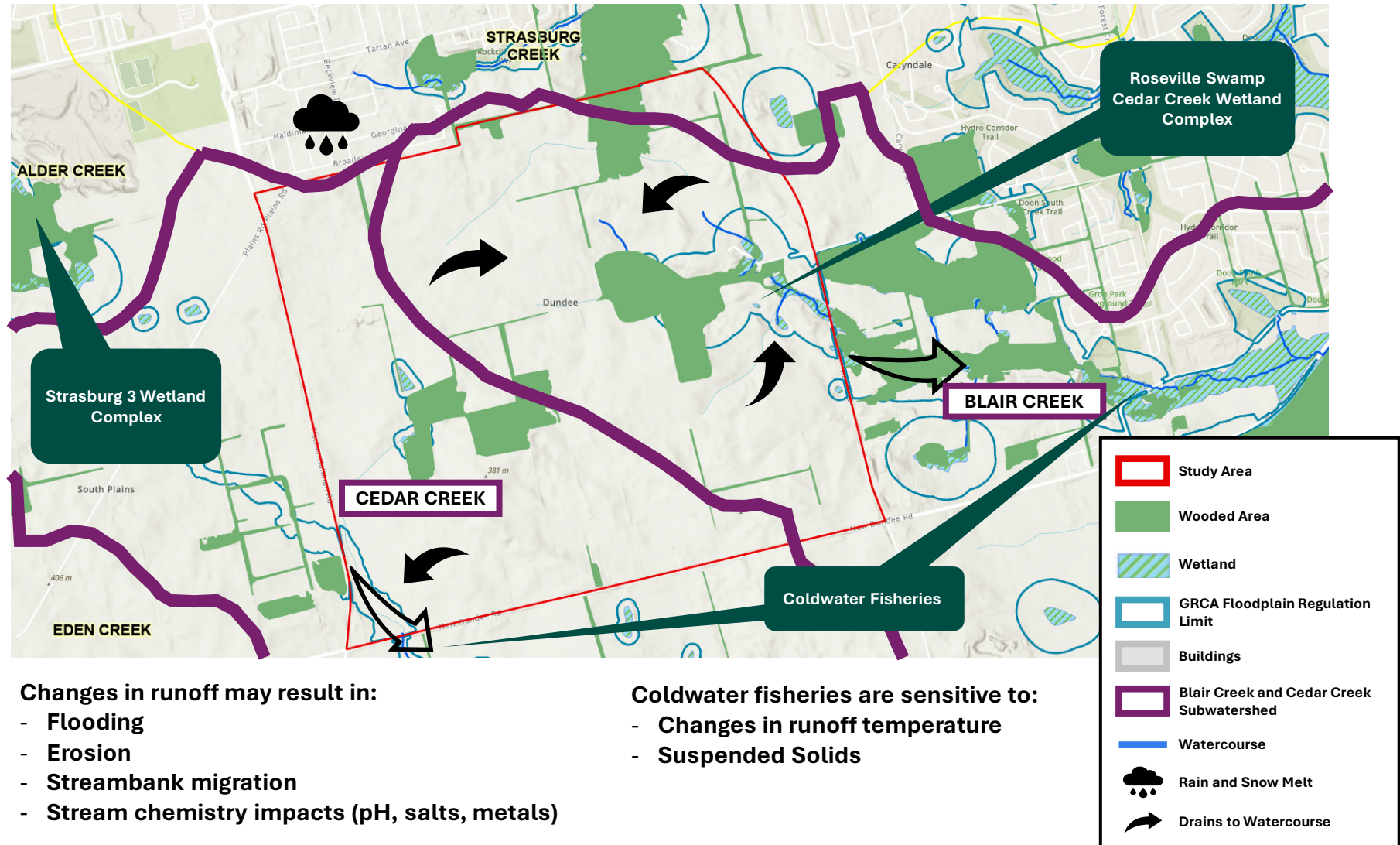
Integrated EA and Planning Process



Note –

* This is a Municipal Class EA 'Schedule B' project. Schedule B projects require Phase 1 and 2 of the EA process.

Existing Conditions – Environmental Features



The Blair, Bechtel, and Bauman (BBB) Study and the Cedar Creek Subwatershed Study identified the following goals to maintain, restore, and enhance the health of the subwatersheds of which the study area is tributary:

1. **Surface Water Protection:** To restore, protect, and enhance surface water quality, surface water quantity, and associated aquatic resources and water supplies and to mitigate impacts within, adjacent to, and downstream of the study area.
2. **Groundwater Protection:** To protect, restore, and enhance the quantity, quality, and ecological, hydrologic, and hydrogeologic functions of water quality resources within and downstream of the Study Area.
3. **Natural Heritage Preservation:** To conserve, protect, and restore biodiversity, connectivity, and ecological function of natural land, water, forest, and wildlife resources and features within, adjacent to, and downstream of the Study Area.
4. **Protection from Natural Hazards:** To mitigate the risks to life and the destruction of property and natural resources from flooding and erosion and preserve natural and regulatory floodplain hydrologic functions, and to not create new natural hazards in, adjacent to, or downstream of the study area.

Subwatershed Objectives & Targets



Goal 1: Surface Water Protection

- A** To restore, protect, and enhance surface water quality, surface water quantity, and associated aquatic resources and water supplies and to mitigate impacts within, adjacent to, and downstream of the study area.
- B** To control sediment discharges and provide erosion control.
- C** To maintain, enhance, or restore natural stream processes to achieve a balance of flow and sediment transport, and to maintain/reduce rates post development (stream stability).
- D** To maintain, enhance, or restore coldwater fisheries potential of the watercourses.
- E** To maintain existing water quality and contribute to achieving federal, provincial, and municipal water and sediment quality objectives and guidelines in watercourses.
- F** Preserve and re-establish the natural hydrologic cycle.
- G** Manage wet weather flows to maintain ecohydrology (e.g. stream, riparian, wetland).
- H** To protect, mitigate, and adapt the watercourse from the impacts of climate change.

Goal 2: Groundwater Protection

- A** To maintain infiltration, baseflow, and discharge to natural features.
- B** To maintain groundwater levels and baseflows (groundwater discharge to watercourses and wetlands) to sustain watershed functions, human uses, and mitigate climate change impacts.
- C** To maintain groundwater quality to support watershed functions.

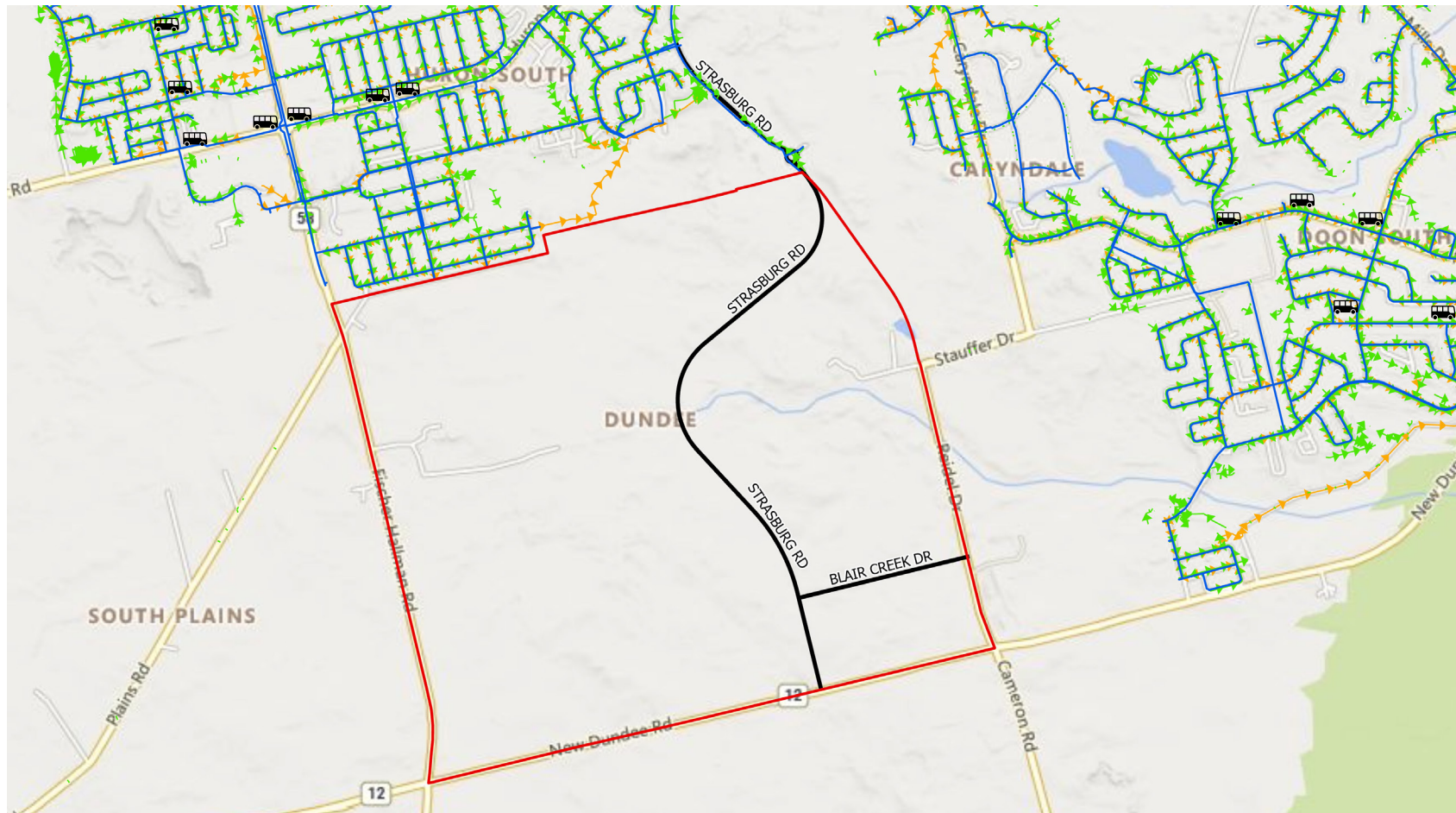
Goal 3: Natural Heritage Protection

- A** To conserve, protect, and restore biodiversity, connectivity, and ecological function of natural land, water, forest, and wildlife resources and features within, adjacent to, and downstream of the Study Area.
- B** To protect, restore, or enhance the integrity of the watershed ecosystem through an integration approach of natural areas, habitats, and connected links.
- C** To design and operated stormwater management facilities to maintain a healthy aquatic ecosystem, including the existing coldwater fisheries.
- D** To maintain or improve the ecohydrology of wetlands, especially the Roseville Swamp Complex and wetlands within the Endangered Species Habitat.
- E** To protect, mitigate, and adapt the natural heritage system from the impacts of climate change.

Goal 4: Protection from Natural Hazards

- A** To prevent an increase in the frequency and intensity of flooding, the rate of natural stream erosion, or increase slope instability caused by new development.
- B** To establish land use controls such that development is appropriately setback from flooding and erosion hazards.
- C** To establish appropriate mitigation measures to avoid adverse impacts to natural features and areas as it relates to natural hazards in new development infrastructure.
- D** To understand and identify how climate change may introduce new natural hazards and incorporate this understanding in land use planning and management strategies.

Existing Conditions – Roads and Infrastructure



- | | | | |
|---|----------------------------|---|--------------|
|  | Study Area |  | Storm Pipes |
|  | Strasburg Blair Creek Road |  | Watermains |
|  | Sanitary Pipes |  | Transit Stop |

Existing Conditions - Community Facilities



Legend



Schools



Community Centres



Parks



Commercial Centres



Fire Stations



Places of Worship

Draft Visioning Framework & Guiding Principles

What is a visioning framework?

The visioning framework reflects what makes Dundee unique, how we can address key issues and opportunities, and develop options for the layout of the community. The visioning framework comprises the following elements:



The new community will...

- Offer thriving **neighbourhoods**, with new parks, community spaces, commercial amenities, and schools which support growth in Dundee and the adjacent communities.
- Be home to year-round **people-centric public spaces** and **civic places** for neighbours to gather, creating a unique destination in Southwest Kitchener.
- Support a **transit- and active mobility-first community** through a fine-grained complete streets network which emphasizes access, with a broad mix of uses at appropriate densities – such that these modes are the most efficient ways to meet daily mobility needs from the first stages of development.
- Provide new **housing options**, including a full range of sizes, levels of affordability, and tenures.
- Minimize **energy demand**, implement low-carbon design and energy solutions, and improve climate resilience.
- Preserve and enhance **natural environment (features and functions)** of the Blair and Cedar Creek Subwatersheds, integrating them into the overall community and public realm network.
- Design for **economic and infrastructure sustainability** by focusing on proximity of uses and appropriate phasing and staging of development, in coordination with other major infrastructure projects.

What is missing?

Are there any guiding principles we should consider?

Write your ideas on a sticky note!

Draft Big Moves

What are big moves?

The draft big moves are significant, strategic changes or initiatives that will have a major impact on shaping development in the new community. They are large-scale and long-term and help address issues or take advantage of opportunities within the community.



Connected Living

Fine-Grain Street and Off-Road Trail Grid



Central Living

Dundee Urban Centre



Community Living

Neighbourhood Hubs



Sustainable Living

Net-Zero, Low Carbon Energy



Integrated Living

Blue and Green Corridors

What does this mean?

This means building a grid-network of streets which prioritizes access to the community through active transportation and transit connections and deprioritizes the role of the private car.

What does this mean?

This means fostering a new core area that supports higher densities and includes amenities and/or services which create a destination that people visit.

What does this mean?

This means creating focal points in every neighbourhood where people can gather, spend a morning, or access day-to-day services and amenities.

What does this mean?

This means being innovative in how energy is supplied to this new community and exploring new technologies to reduce its long-term dependence on fossil fuels.

What does this mean?

This means creating an integrated public realm, which includes important stormwater management areas, parks, and natural heritage features, which serve multiple purposes.

Tell us what you think!

Place a sticky dot beside the big moves which you think are most important for us to achieve.

Thank you for attending today's public open house!

Following today's public engagement meeting, the Project Team will review all input received as we prepare for next steps in the process. Please provide your comments **by September 26**.

Next Steps

- Develop alternative land use scenarios
- Establish evaluation criteria and determine preferred land use scenario
- Hold a second public engagement meeting
- Finalize land use scenario, and prepare secondary plan and technical studies
- Bring official plan amendment forward to Council adoption

Staying in Touch



Scan the QR Code to visit www.engagewr.ca/dundeesecondaryplan where you can view project materials and register to receive updates.

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