

WORK PLAN SUMMARY – 2022

About Planning 2050 and Planning Commitment Inc.

Planning Commitment Inc. is a non-profit that will support, monitor, and ensure development, evolution, and transparency of PLANNING2050 (PLG2050) initiative. This non-profit will further develop the framework of PLG2050 to ensure its applicability, uniformity, and transparency.

Planning 2050 is an initiative that will help transform planning practice to ensure positive outcomes when planning for social equity, resilience, and climate change. It also aims to accelerate data analysis and systems thinking in Urban & Community Planning, while aligning planning practice with global UN Sustainable Development Goals (SDGs).

APA Sustainable Communities Division is an enthusiastic supporter and partner of this initiative, among other great organizations such as AIA, CNU, ISOCARP, ISI, and USGBC.

As we continue to develop PLG2050, through voluntary commitments from the private and public sector, we are aiming to fulfill the goals and targets of our “foundational period” (2022-2025) with the production of “beta test” assessments and commitments. More information about these “products” and our foundational period in our website: www.planningcommitment.org

PLG2050's foundational period goals are:

- Develop “Pilot Assessments” with the support of private sector firms, and academia
- Develop examples of Commitments (by the public sector)

PLG2050 –the initiative-- has been led by Julio Carrillo, AICP, LEED AP ND. Julio will continue to lead the development of PLG2050, and its connection with other nationally recognized professional organizations.

Partners and Shared-Interest Organizations

PLANNING2050 is a multidisciplinary effort supported by various professional organizations. As a systems thinking approach overlaps diverse perspectives, PLANNING2050 is successful bringing various disciplines to help solving important problems.



**The American
Institute
of Architects**

“There’s a humility that comes with aspiring to meet huge challenges like climate change and social injustice through the design of the built environment. We know we cannot be as effective alone as we can be in collaboration with other associations, disciplines, perspectives and ways of thinking. I believe AIA is as well positioned to understand and respond to that fact as we have ever been.”

Dan Hart,
President | AIA,
2022



"The intersecting challenges of equity and climate crisis require us to think anew and act anew. Planning 2050 is about adapting timeless ways of building great communities to the realities of a rapidly changing world. The Congress for the New Urbanism is committed to working with the APA, AIA and other critical partners to forge a bold vision for meeting the moment of danger and opportunity for America's towns, cities and regions. Our shared goal is to create resilient cities that work for everyone."

Rick Cole,
Executive Director
| CNU, 2022



"In this precise historical moment that we are experiencing, basing decisions on good urban and territorial planning is fundamental. The ecological transition must bring to synthesis the best of our contents. The search for sustainable development, the construction of strategies that favor the resilience of cities and territories, the application of participatory and inclusive approaches must always be put in front of each of our professional and research tasks."

Pietro Elisei,
President |
ISOCARP, 2022



"The Institute for Sustainable Infrastructure is proud to support Planning 2050 as a multidisciplinary forum that integrates every aspect of our built environment. Integrated, innovative, and long-term planning is at the heart of addressing the serious issues facing our planet. We are at a critical moment in history and our collective future will depend on our ability to work collaboratively toward a common cause."

Anthony Kane,
President & CEO |
Institute for
Sustainable
Infrastructure



"The APA Sustainable Communities Division is an enthusiastic supporter and partner of the Planning2050 initiative. Our division's mission is to support planners in creating sustainable, resilient, and equitable communities. The educational opportunities, tools and resources we provide planners help them to innovatively address the evolving ecological, social, and economic factors that shape our communities, especially climate change and equity. The Planning2050 framework will provide data-driven, replicable, and scalable solutions that planners can implement to address the most urgent built environment issues of our time."

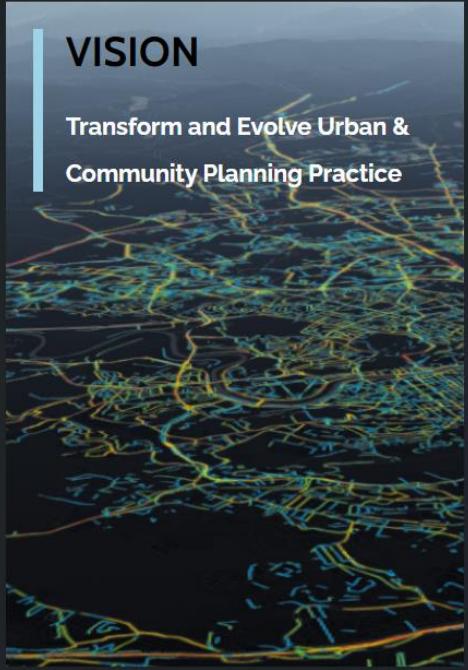
Merrill St. Leger,
Chair, Sustainable
Communities
Division | APA,
2022

Since 2021, a group of planners – among other professionals of the built environment- have gathered to define the structure, and goals of PLANNING2050. This group originated from the Climate Champions Program, within the Sustainable Communities Division (SCD) of the American Planning Association (APA).

Vision, Mission & Goals (from www.planningcommitment.org)

PLANNING2050 is a multi-system evaluation of current planning practices, purposefully searching for solutions that are based on data-analytics and systems thinking. Through the generation of commitments, and the monitoring of these through time, we aim to better understand the interconnectedness of systems, and the unintended consequences of current planning practices.

PLANNING2050 is an initiative that -in the long term- aims to transform and evolve planning practice, through the creation of a database of actionable and meaningful transformational strategies. By 2050, we aim to create this DATABASE OF ACTIONS for positive impact with issues related to Social Equity, Climate Change and Resiliency.



VISION
Transform and Evolve Urban & Community Planning Practice

Mission Statement

Make a difference in planning practice through the understanding of multiple systems -and their rapid evolution- in our complex world.

GOALS

To accelerate the understanding and exploration of interrelated urban systems with a data-driven approach; overlapping geospatial data analytics and urban design in planning practice.

To align actionable strategies in Urban and Community Planning with UN SDGs, generating assessments and commitments that will allow governmental entities to track their actions.

To create a database of replicable and scalable actions that benefit communities in their progress towards their more pressing issues / problems.

Through a systems planning approach, and data analytics, PLANNING 2050 aims to transform planning practice by reporting, creating and maintaining a database of actionable strategies that will be successful, scalable and/or replicable.

DATABASE

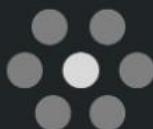
BEYOND PERFORMANCE METRICS | Ensuring positive linkage of actions

PLANNING2050's final goal is to create, maintain, and monitor a database of LISAs and LIRAs. These actions are intended to be continuously monitored with the intention to recognize and identify the interconnectedness between systems in planning practice.



LISA

LARGE IMPACT, **SCALABLE** ACTION

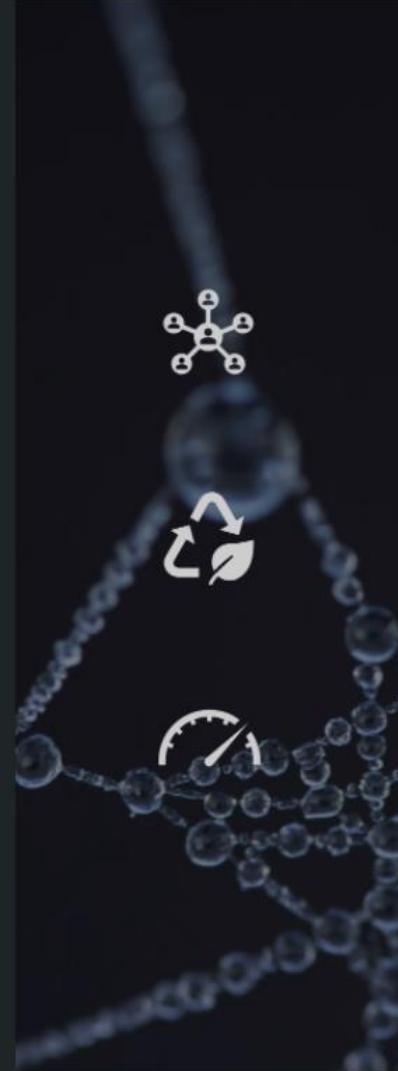


LIRA

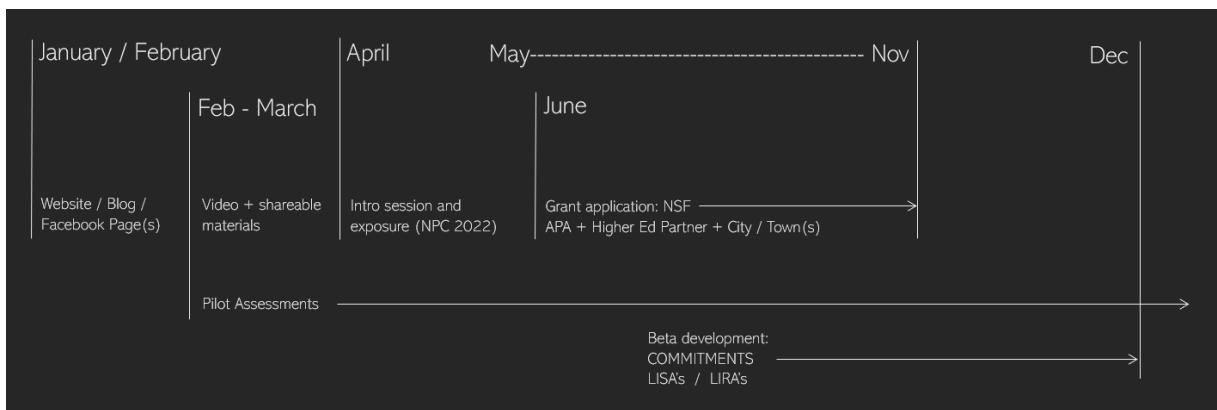
LARGE IMPACT, **REPLICABLE** ACTION

LISAs and LIRAs are actionable strategies that will be scalable and/or replicable. The monitoring of these ACTIONS, will help defining success of the voluntarily generated "COMMITMENT".

With PLANNING2050, a governmental entity will have access to this database. PLANNING2050 will serve communities in finding the appropriate combination(s) of actions to plan for climate change, social equity, and resilience.



About PLG2050's 2022 workplan / current development.



Video link → <https://www.youtube.com/watch?v=LKAgp2kL2zs>

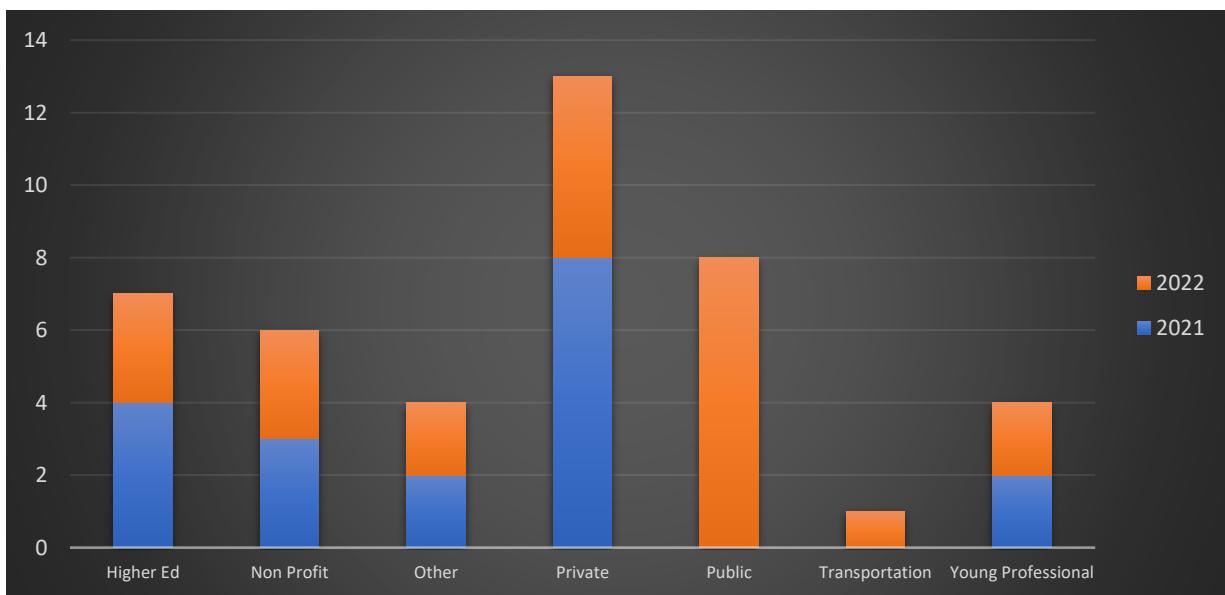
As of March 2022, PLG2050 has successfully structured a DWG (Development Working Group) that has made possible the birth and rise of the initiative, in terms of acknowledgment and awareness. This group is working together to identify the potential early adopters of the PLG2050 framework.

As of May 2022, during and after NPC22, PLG2050 has successfully increased exposure and sparked interest from many professionals in the planning profession. A formal follow up with the DWG members with immediate tasks and action items is anticipated by early June.

In 2022 or 2023, the development of a PLG2050 framework handbook will successfully guide the preparation of "Pilot Assessments" by private sector and public sector practitioners.

2021 – 2022 Development Working Group

PLG2050 has been developed through conversations within experts in various spheres of planning practice. Since late 2021, a DWG was established, and it continues to grow to over 40 participants (as of May 2022). Below a chart of the current member participation by industry.



2022 – 2023 Advisory Board

To allow flow of conversation and the evolution of the initiative within APA SCD and the other professional organizations, an invitation to participate as an advisory board member was released in April 2022. As of May 2022, confirmed members of this Advisory Board have been selected by the following organizations:

- **AIA** | Carlton Hart, National Capital Planning Commission
- **USGBC** | Vatsal Bhatt, LEED for Cities
- **APA SCD** | Merrill St Leger Demain, Smith Group
- **CNU** | Rick Cole, Executive Director
- **ISI** | Anthony Kane, CEO Institute for Sustainable Infrastructure

2022 – 2023 Product Development: Handbook

A specific short-term goal of this “foundational period” is a handbook. This will be developed with additional support from APA SCD.

About the Handbook Development and alignment with APA Sustainable Communities Division.

In this foundational period (2022 – 2025), PLG2050 aims to produce a handbook. This handbook will outline the framework, and systems approach steps, that planning practitioners need to apply and ensure the achievements of goals and targets of their “2050 Commitments”.

The outline of this handbook will be as follows:

- PLG2050 Vision and Mission Statements
- PLG2050 Foundational Period Description and Overview
- PLG2050 foundational goals:
 - o Transform planning practice_to ensure positive outcomes when planning for social equity, resilience, and climate change.
 - o Accelerate data analysis in Urban & Community Planning
 - o Align planning practice with global UN SDGs
- PLG2050 products definitions and product examples for each of these:
 - o ASSESSMENTS
 - o COMMITMENTS
 - o DATABASE of LISA's and LIRA's



LISA

LARGE IMPACT, **SCALABLE** ACTION



LIRA

LARGE IMPACT, **REPLICABLE** ACTION

What are LISAs and LIRAs?

LISAs and LIRAs are 2 acronyms for specific type of ACTIONS that can be scalable or replicable.

More information about LISAs and LIRAs:

<https://planningcommitment.org/2021/12/22/large-impact-scalable-replicable-actions/>

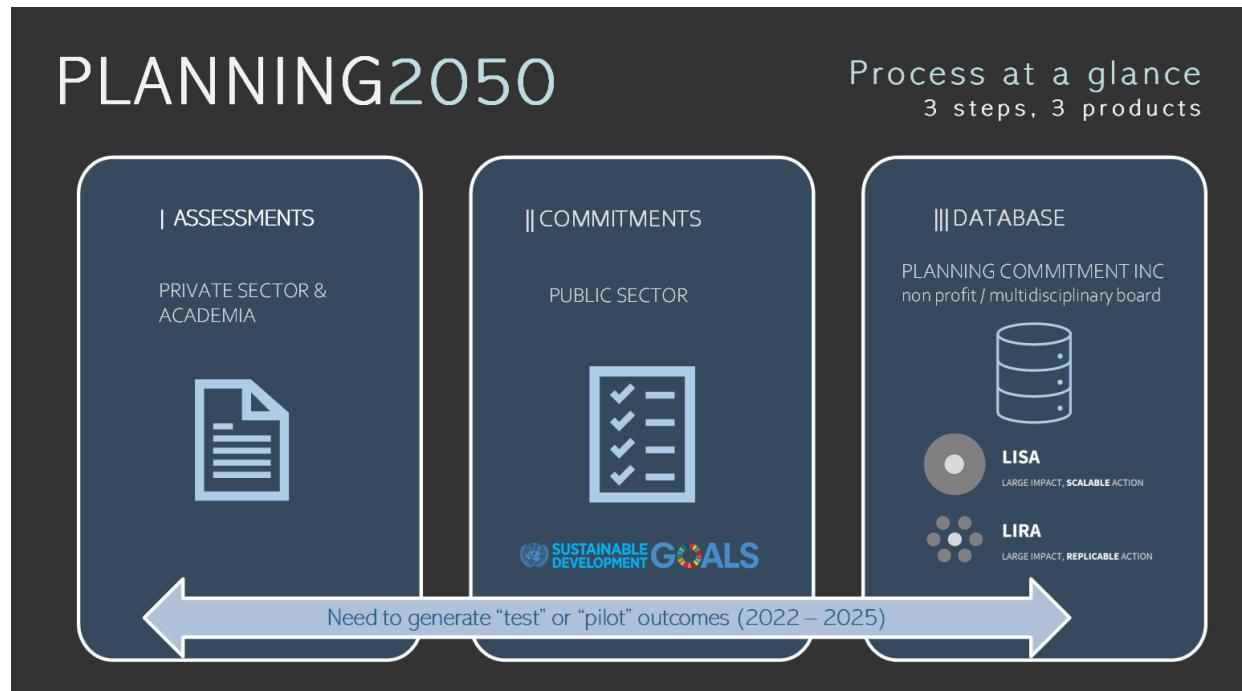
PLANNING2050 recognizes the need for exploration of these ACTIONS which are the substructure and/or "bonds" between separate systems.

For many generations, planning practice has tried to "fix" the unintended consequences of our actions. With PLANNING2050 we will be able to monitor and steer the needle in the appropriate direction

PLG2050's mission encourages a multidisciplinary approach to solving complex problems when planning for Climate Change, Resiliency and Social Equity. Advancing sustainability as a framework requires substantial integration in policy making. Through the creation of Commitments and a Database of LISAs and LIRAs, PLG2050 supports APA SCD's mission of meaningfully improving the built and natural environments.

PLG2050 Framework - Process at a glance

PLG2050 has a defined sequence of steps that need to be developed to generate its 3 main products: Assessments, Commitments, and Database of LISAs and LIRAs. The following diagrams explain this sequence, as well as the 3 steps in the systems approach methodology that helps generate the 3 products of PLG2050:



PLANNING2050

Process
ASSESSMENTS + COMMITMENTS

I ASSESSMENTS

PRIVATE SECTOR / ACADEMIA

1. Approach to Cities and Communities to tackle top priority issues
2. Short term to long term goal setting
3. Evaluation of performance metrics / indicators (example: LEED for cities credits) **WITH A SYSTEMS APPROACH** process

SYSTEMS APPROACH PROCESS:

1. ID harmful practice + systems interacting
2. Define threshold of improvement
3. Define monitoring intervals

II COMMITMENTS

PUBLIC SECTOR

1. Work with consultant for PLG2050 report OR
2. Generate PLG2050 report in-house
3. Define ACTION (LISA or LIRA) and its alignment with SDG goal(s)



Somewhat parallel processes

PLANNING2050

SYSTEMS APPROACH
process at a glance



LISA
LARGE IMPACT, SCALABLE ACTION



LIRA
LARGE IMPACT, REPPLICABLE ACTION



ID harmful practice
AND connection to other systems



Define threshold of improvement
AND benefits to various systems



Define monitoring timeline
Short term & Long term

PLG2050 Additional Products and Benefits

PLG2050 has already introduced the initiative in various webinars and presentations. In early March 2022, APA SCD organized a webinar specific to this topic. Successful attendance of 90+ participants around the country and follow up engagement has extended the awareness of the initiative. A recording of this webinar was released, and it is still accessible for further exposure / exploration.

Webinar video link → https://www.youtube.com/watch?v=qJ_HZRRoboc

PLG2050 was introduced and discussed at NPC22 in a session specific to this topic, and APA SCD's has produced an introductory video for social media exposure of the initiative.

This initiative contributes to the knowledge and expertise of the APA SCD's membership thru the engagement of planning practitioners in the public and public sector. It is intended to explore the application of newer technologies and methodologies related to data-driven processes like the application of Artificial Intelligence and Machine Learning in the Planning profession.

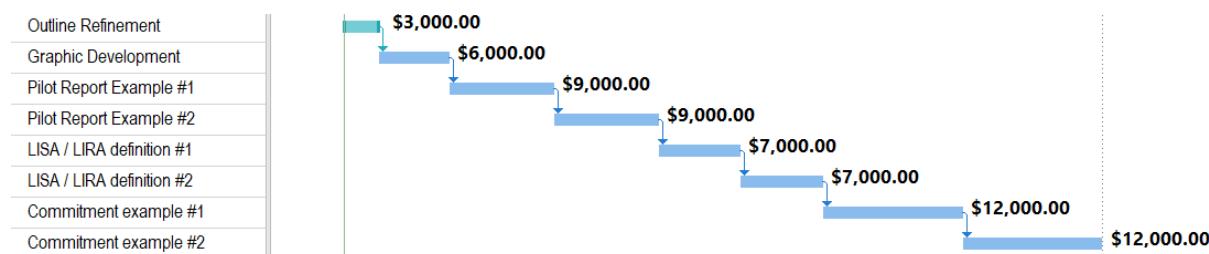
The creation of the DWG of PLG2050 as a multidisciplinary group with members and non-members of APA, with strong alignment of goals and passions toward sustainable development, has created the opportunity to showcase the work of APA SCD, as well as highlight the opportunities to become a member of APA and/or be active leader(s) in their communities.

Schedule for product development



Budget

Budget for development of this product (Handbook) is estimated at USD \$65k **<need update due to inflation>**. Most in-kind services will be from PLG2050 DWG volunteers, private sector practitioners that are interested in becoming "early adopters", and Julio Carrillo (Senior Planner | Parkhill).



These budget figures are estimated as production times related to each task of the entire effort. The outcome is the Handbook described in this document. The Handbook is extremely valuable for all professionals interested in the application of the PLG2050 framework, as it will help as a guide and roadmap into defining metrics and commitments. It will also help define how the assessments can be performed effectively by academia and private sector participants.

Funding

The initiative can be funded in various ways thru the application of partnerships with diverse organizations. It is anticipated that the foundational period (2022-2025) will function with volunteering efforts, and financial support from APA SCD's internal grants. Below a few options for funding:

- 2022-2025:
 - o 3rd party sponsorships
 - o Donations & Crowdsourcing
 - o Early adopter effort (pro-bono)
 - o Grants in partnership with Academia and/or Professional Organizations
- 2025 and beyond:
 - o Private Sector adopter of the framework – Annual memberships
 - o 3rd party sponsorships
 - o Donations & Crowdsourcing
 - o Grants in partnership with Academia and/or Professional Organizations

Questions? Feel free to reach out:

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