



# Reusing and Sharing Your Work with Hub Templates and ArcGIS Solutions

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ArcGIS Hub is a cloud-based **engagement & collaboration** platform that helps customers work more effectively with their **communities**.

## Other Session about ArcGIS Hub and Enterprise Sites

- **Getting Started with Hub + Enterprise Sites**
- **Deep-Customization of Hub Sites and Enterprise Sites**
- **Automating Engagement with ArcGIS Hub**
- **Mobile Layout Design Best Practices for your Hub + Enterprise Sites**
- **From Data to Decisions in ArcGIS Hub**
- **How ArcGIS Hub Delivers a Scalable Geospatial Platform on Kubernetes**

This session will talk about re-using sharing your work using **templates**.

- Simple templates can give you a head start for common patterns or layouts
- Templates are a great way to share complex apps for others to use



# Defining Key Terms

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A solution is an item type in ArcGIS Online and Enterprise.

Solutions comes in two states – template and deployed.

# Defining Key Terms

A template solution contains a set of items that can be activated again and again.

- Are a snapshot of live items at a specific point in time
- Include item details, data, thumbnails, and other item resources that are conferred on activation
- Store dependencies between items
- Use variables for dynamic activation
  - Can be used to reference activated item, organization/portal information, extent, and more
  - Ex: *{{solution.title}}*

# Defining Key Terms

- **Currently support over 40 item types, including**
  - **Sites and Pages**
  - **Hosted Feature Services and Views**
  - **Web Maps**
  - **Experience Builder and Web Applications, Dashboards, StoryMaps**
  - **Survey123 Forms, Workforce Projects, QuickCapture Projects**
  - **Python Notebooks**
  - **Download Item Types (Pro Project Packages, Zip Files, Word Documents, PDFs, Images, CSVs, etc.)**
  - **Groups**



## Defining Key Terms

An initiative template is a package of *solutions* that work to achieve a specific goal.

- Can contain one or many solutions
- When activating an initiative template, the solution that contains a site (and other items which support the site) will be deployed. This is called the *included* solution.
- Other solutions will be *recommended* and can be activated by users as they choose and more than once

## Defining Key Terms

A deployed solution provides links to created items upon activation and stores the dependencies between items.



# Cloning v. Templating in Hub

Compared to cloning, templating provides more control

- Respects static and dynamic content
- Can be activated modularly
- Initiative templates and solutions can be shared to others via groups
- Is useful for things you'd like to recreate more than once



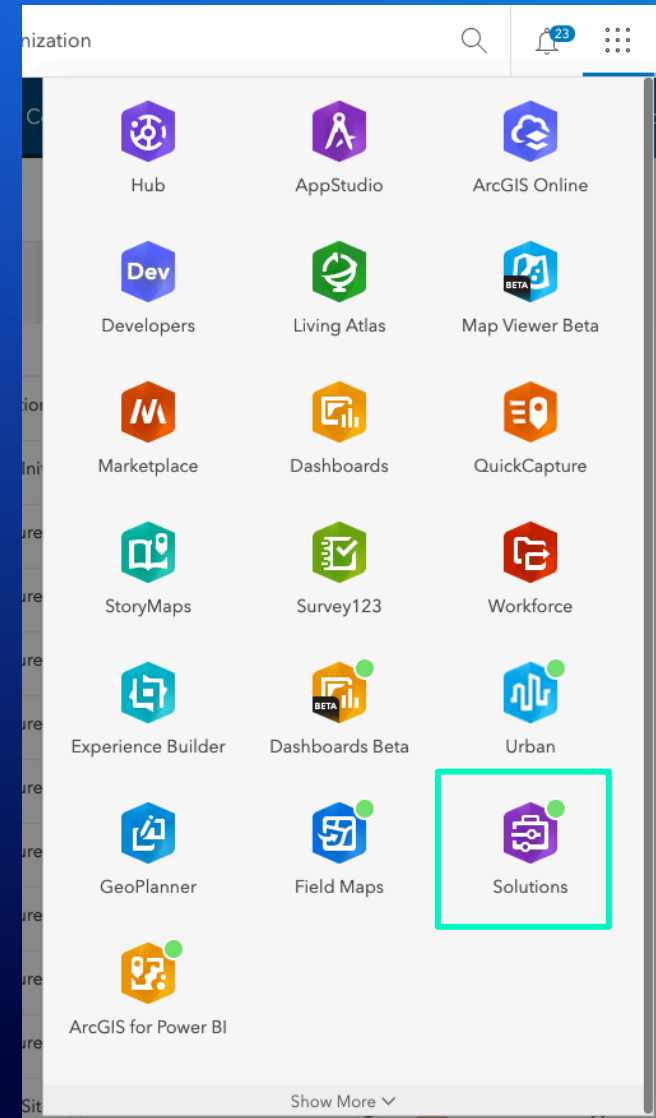
# Creating Initiative Templates and Solutions in Hub

# Additional Resources

The background features a vibrant, abstract composition. On the left side, there are several overlapping elements: a stylized globe, a molecular structure with blue and red spheres, and various flowing, ribbon-like shapes in shades of blue, red, and yellow. The overall aesthetic is modern and scientific, with a color palette dominated by deep blues and bright accents of red and yellow.

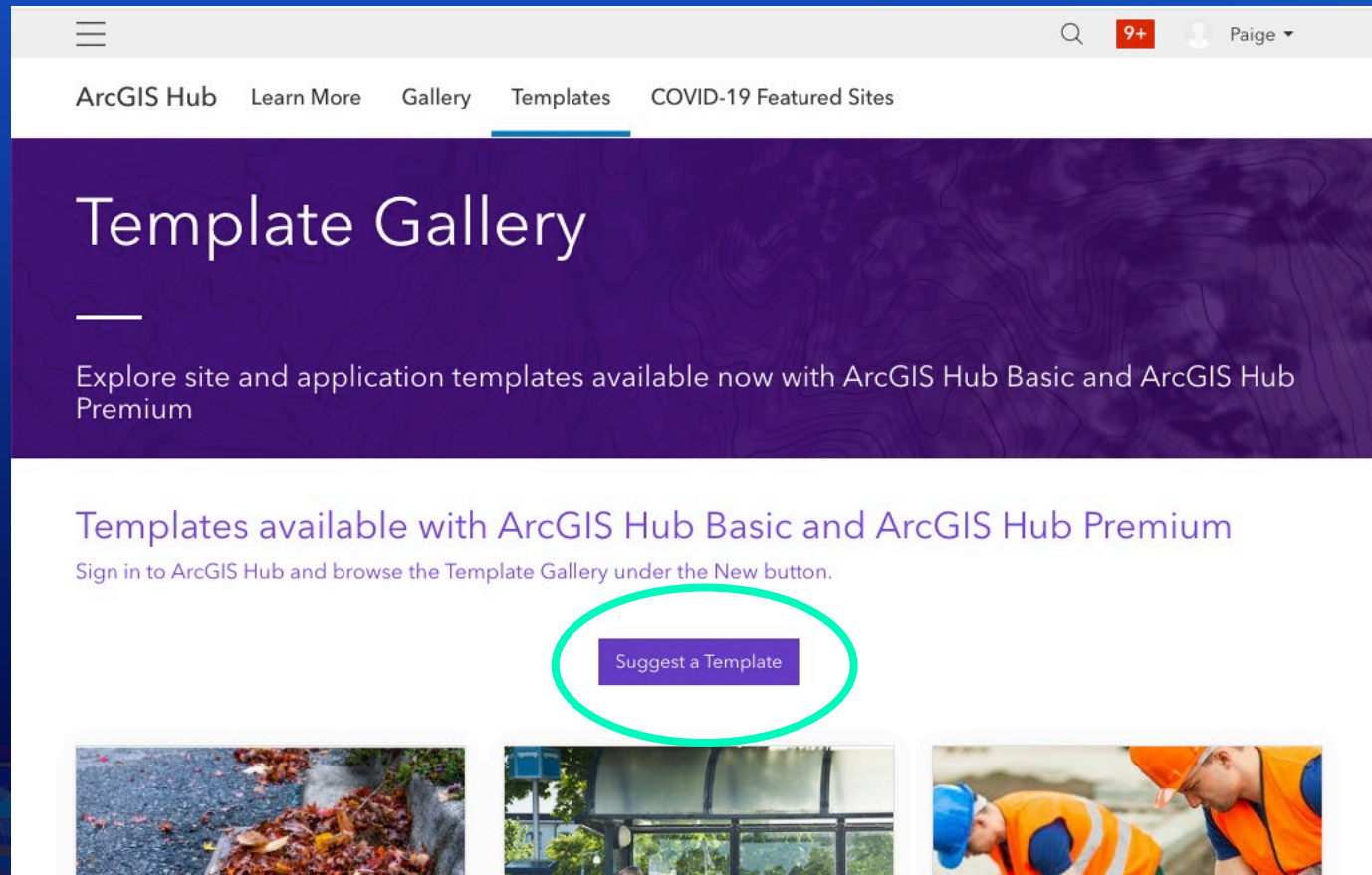
# Templates from the ArcGIS Solutions and ArcGIS Hub Team

- Try them out for yourself using the Hub Initiative or App Template Gallery or the Solutions Application in your organization



# Templates from the ArcGIS Solutions and ArcGIS Hub Team

- As a member of the public, you can see all our initiative templates by visiting <https://hub.arcgis.com/pages/template-gallery>

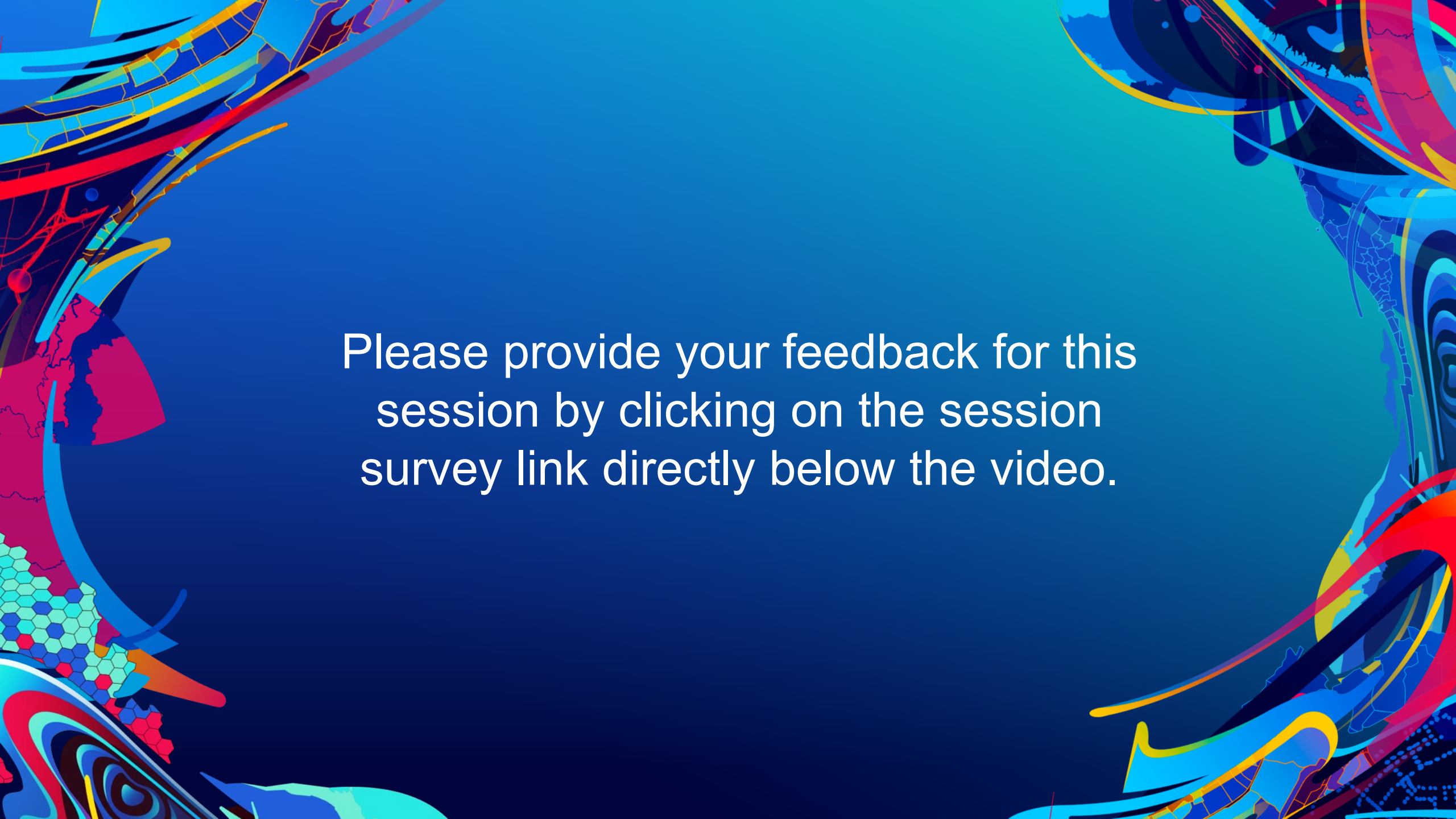




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