Welcome! **SHAPING THE FUTURE**

Stakeholders' input on policy goal priorities & network services



Helping People Reach Agreements

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December 11, 2018 Presentation to Tacoma City Council and Tacoma Public Utility Board 1

Click!'s History

Tacoma, Washington

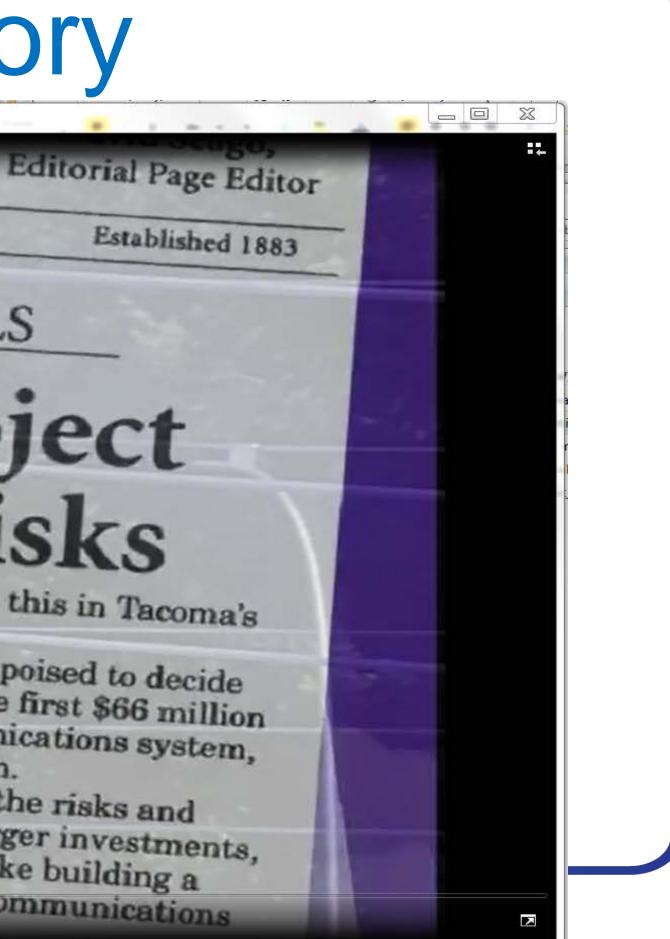
Click Context Setting Video with Disclaimer (1)

EDITORIALS Telecom project still worth risks

There's never been a decision quite like this in Tacoma's history.

The Utility Board and City Council are poised to decide Tuesday whether to commit the city to the first \$66 million investment in a sophisticated telecommunications system, including a commercial cable TV operation. The potential rewards are great. So are the risks and uncertainties. The city has made much larger investments, in things like hydroelectric dams. But unlike building a dam, entering the highly competitive telecommunications

O



Purpose

As a publicly-owned asset, decision-making about the **Click! network must be** informed by input from the network's stakeholders.



Purpose As a publiclyowned asset, decision-making about the Click! Network



...must be informed by input from the network's stakeholders.

We listened...







Today's Presentation

Stakeholder Collaboratives: the Process

... Purpose and process ... About the participants

Input on Policy Goals

... How do you rank the Goals?

... Stakeholder input

Input on Network Services & Features

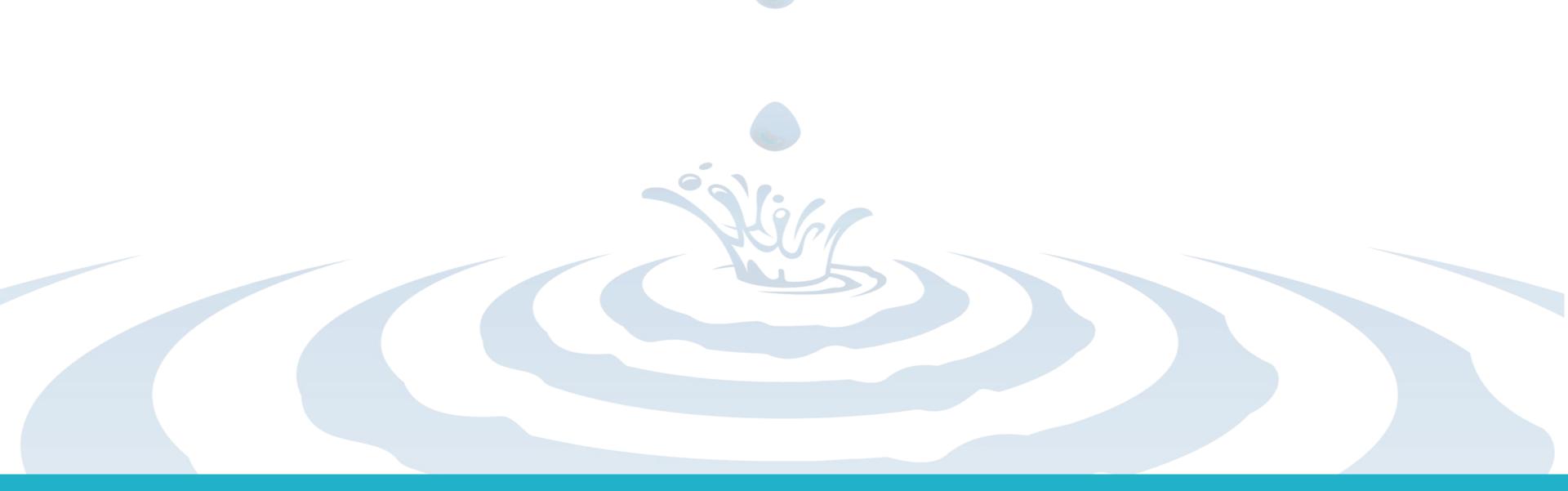
... What stakeholders want

..."Radical" ideas

Conclusion, Q&A





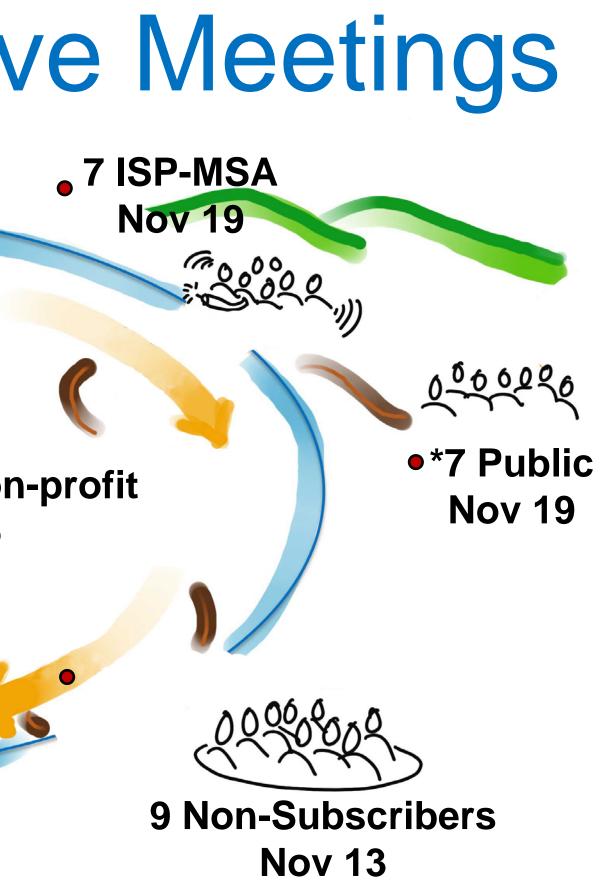


Stakeholder Collaboratives

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Stakeholder Collaborative Meetings 36 Employees **Oct 17** 11 Tech/Edu/Non-profit Nov 5 808060 • 8 Businesses **Oct 22** 18 Subscribers **Oct 29**

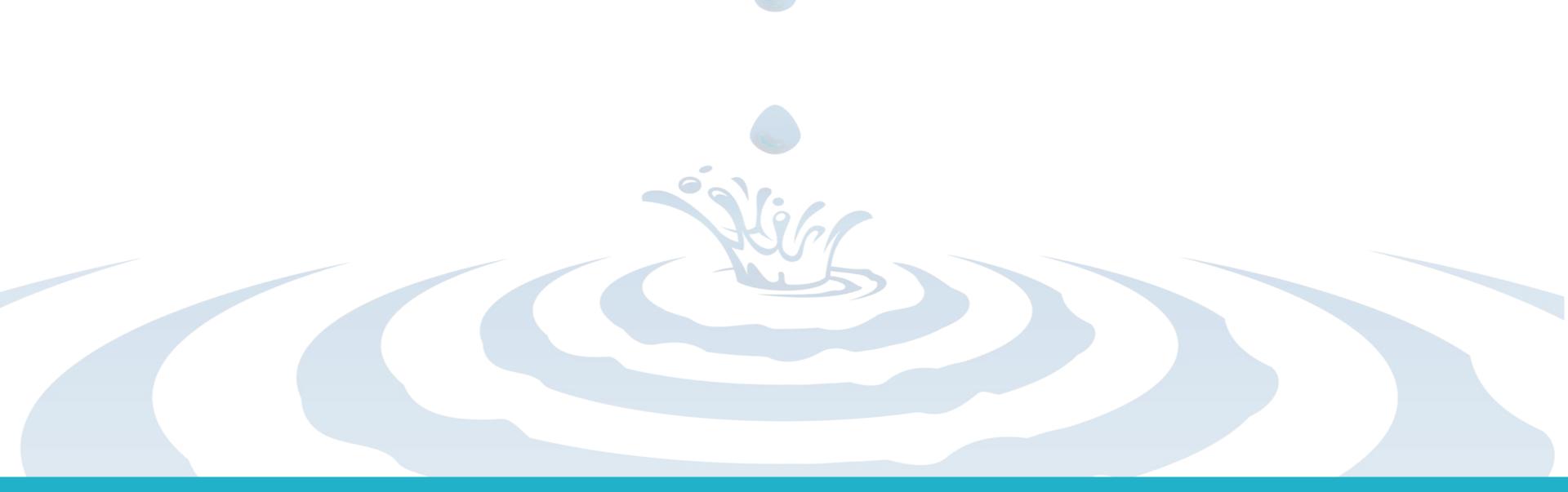


About the Data

Our goal: create a positive, generative forum in which stakeholders could express views freely and candidly.

- The data are based on deep listening
- **NOT quantitative or statistical in nature**
- Our synthesis involved in-depth synthesis of stakeholder input
- **Our qualitative analysis & observations show consistent** patterns (themes) in stakeholder responses





Input on Policy Goals

City of Tacoma Resolution No. 39930

- "policy goals will be utilized in shaping a new course for the use and preservation of the assets of Click!"
- "the community policy goals listed above...and approved by the Board are approved by City Council."
- "requests for information, proposals, or qualifications" ... will be sought to determine how...the community policy goals can be achieved through collaboration and/or restructuring of Click!.



A "POLICY GOAL":

- Documents an agreement by people in an organization
- Names the beliefs they share
- Describes the goals they want to achieve together
- Guides their decisions & actions



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Ranking the Policy Goals

For deciding the future of the Click! network and who will operate it:

Rank the policy goals in order, from 1 to 12.

Use 1 for the Policy Goal you feel is most important in your decision process.

Use 12 for the Policy Goal you feel is least important.



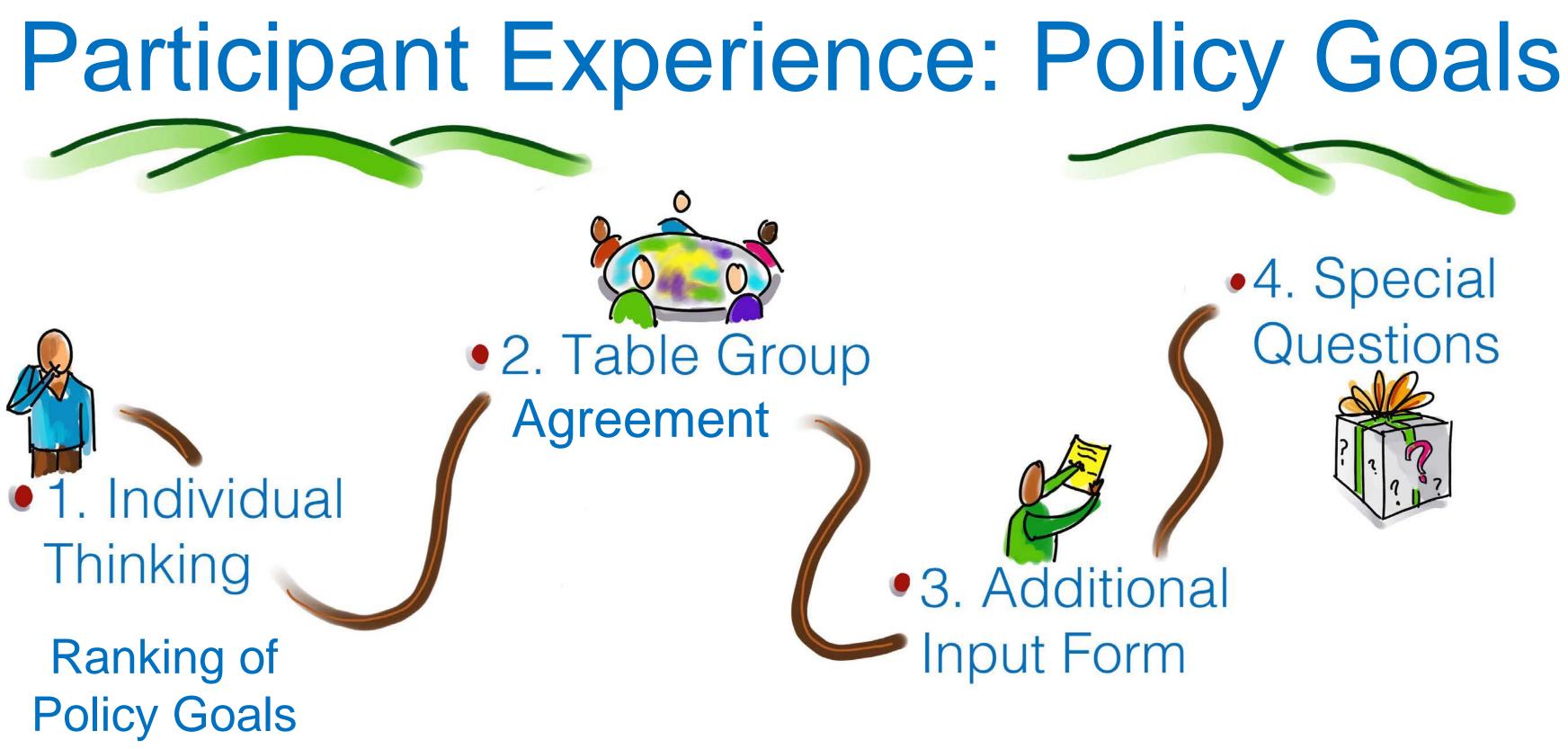




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The 12 Policy Goals

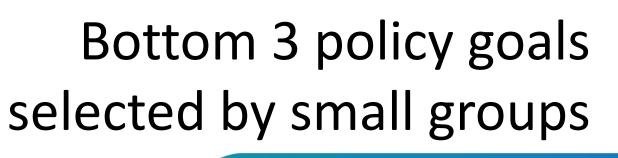


Let's Look at the Data



Top 3 policy goals ranked by individuals

Top 3 policy goals selected by small groups







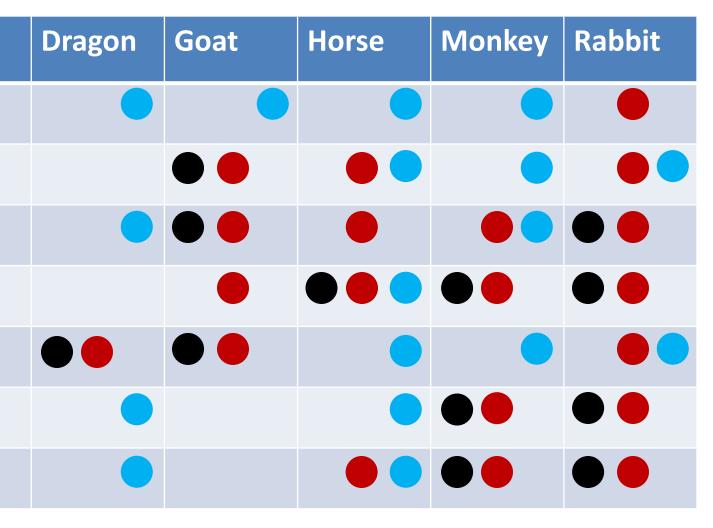


Policy Goals: Top 3 and Bottom 3

Stakeholde r Group:	Number of Participants	Ох	Rat	Snake	Rooster	Tiger	Pig	Dog		
Employees	36									
Subscribers	18									
Non- Subscribers	9									
Businesses	8									
Tech/Edu/ Non Profit	11									
ISP-MSA	7									
Public	7*									
	* 3 members of the nublic were also									

* 3 members of the public were also present at the ISP/MSA collaborative.

Top 3Top 3Botto



- Top 3 policy goals ranked by individuals
- Top 3 policy goals selected by small groups
- Bottom 3 policy goals selected by small groups

Similar Policy Goals Several stakeholder saw similarities in pairs of Policy Goals:

Dog

R

Ox

Goat

agon

Power operations

Creating low-income affordable access to telecommunication services

Ensuring geographically, economically, and technologically equitable access



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Continuing public ownership of the telecommunications assets, especially those assets necessary for Tacoma

Safeguarding the use of telecommunications services **by Tacoma Power**, the City, and other local governments

Consistently Prioritized



OX* *DRAGON MONKEY TIGER RAT

TOP POLICY GOALS

Overlapping policies Dog/Ox* *Goat/Dragon



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SNAKE ROOSTER HORSE PIG

BOTTOM POLICY GOALS

Top Policy Goals for Future of Network

DOG RABBIT GOAT

- Continuing public ownership of the necessary for Tacoma Power operations
- priced telecommunication services), including reduce competition
- Creating low-income affordable access to telecommunication services



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telecommunications assets, especially those assets

Preserving competition among telecommunication providers that benefits customers (such as highquality, technologically up-to-date, and reasonably restricting transfer of ownership or operations that

All Policy Goals Important

- Through ranking, stakeholders engaged with the Policy Goals, explored what they understood (or not), and grasped their importance
- **Every policy goal was considered important**
- "Bottom 3" Policy Goals: often selected by groups because their "Top 3" Policy Goals would "take care of" these other goals



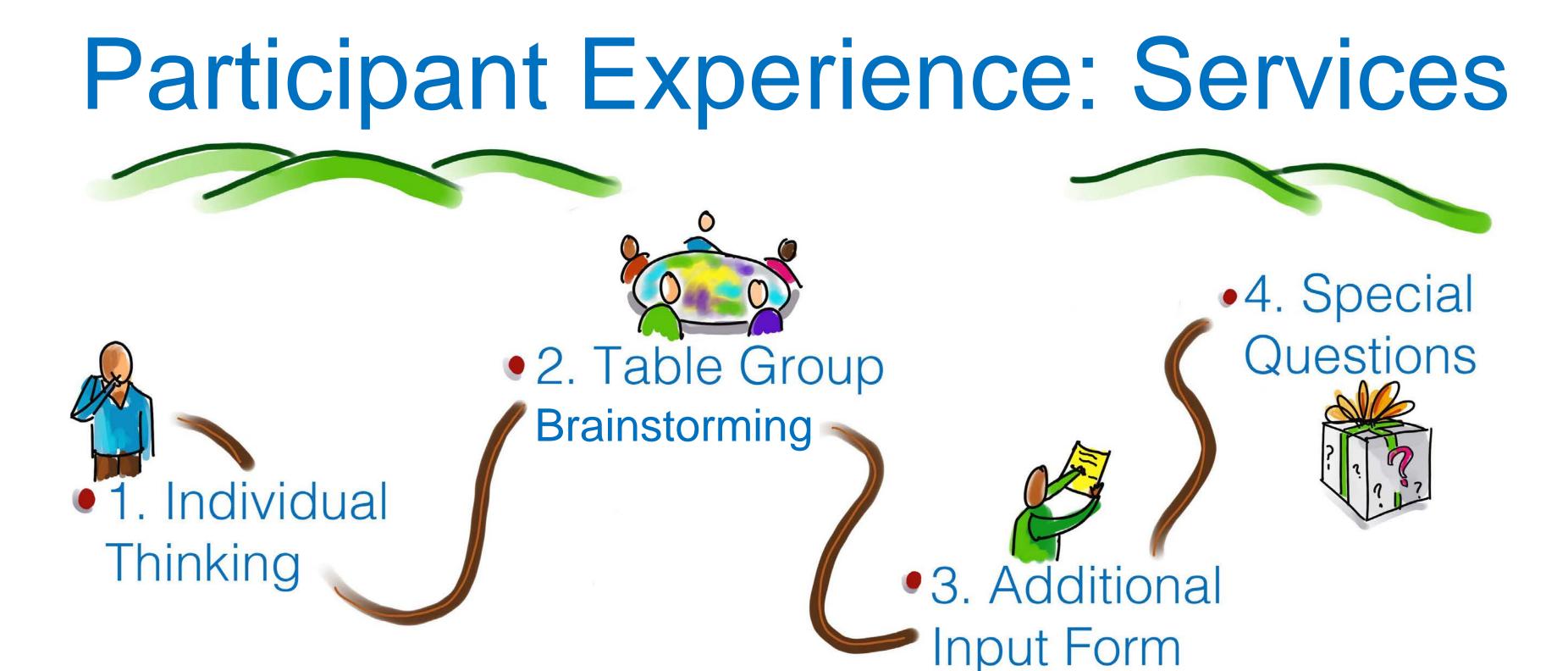


Input on Services & Network Features

Focus Questions 1. What services/products do customers MOST

- **NEED or WANT?**
- 2. What other features of the network must be in place to achieve the top 3 policy goals?
- 3. What is ONE radical, creative THING you would want from the network to make it extraordinary & wonderful for customers?





What Does the Data Show?

Input on services and features // correlates across all 4 input modes

12 POLICY GOALS

This input aligns with stakeholder rankings of the Policy Goals.

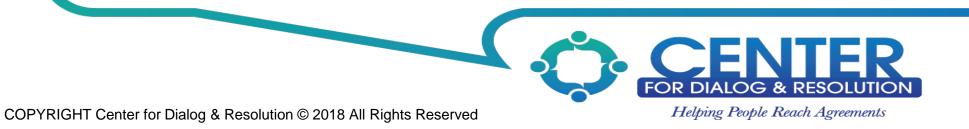


Lens for Understanding the Data "What do stakeholders want from the network, under each Policy Goal?"

This data synthesis translates Policy Goals into concrete recommendations, actions, and ideas.



Synthesis Priority Order



Continuing public ownership of the telecommunications assets, especially those assets necessary for Tacoma Power operations

SERVICES

- Choice of services
- Bundle broadband services
- Some say: "cable is dead"

NETWORK FEATURES

Keep public and local

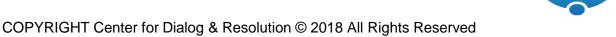
- Represent local concerns
- Fiber two way robust

- Monetize dark fiber assets
- Shorter term lease with oversight
- Be transparent with the public

"Where click! Is concerned, all of the policy goals can easily be met if Click! stays with public ownership. Everything else flows from that."- a Subscriber

People were generally were not able to hear or understand that the Click! network WILL REMAIN PUBLICLY OWNED.

with Ox.



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RADICAL IDEAS







Many stakeholder groups saw similarity of this Policy Goal

Preserving competition among telecommunication providers that benefits customers (such as high-quality, technologically up-to-date, and reasonably priced telecommunication services), including restricting transfer of ownership or operations that reduce competition

SERVICES

- High speed, reliable, internet for streaming and not cable
- Offer other services such as Voice, IPTV, Over-the-Top (OTT) app based video, Wi-Fi hotspots, and cloud storage services
- Bundled service and Mega Package that includes all the services

NETWORK FEATURES

- Local control for consistency, quick response, innovative business practices
- Focus on internet for innovative services
- Financial penalties for not making **TPU/Government** Service Level Agreement

RADICAL IDEAS

- Convert network to Fiber-to-the-Home/Premises
- Offer digital TV antenna for over-the-air local broadcast stations
- Metered Internet service



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Rabbit



Public ownership means ... "local jobs, money stays in our community, local and responsive service to our customers, and true competition for price and competitive pricing for all income levels." – Member of the Public

Creating low-income affordable access to telecommunication services

SERVICES

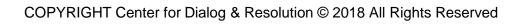
- Offer basic services at low cost and reliable
- Options to increase speed, increase costs

NETWORK **FEATURES**

- Subsidize low cost for low income for student access
- Offer economic bundling

- Free base internet service of 5 Mbps
- Discounted service for low income families
- Customizable packages for affordability
- Free month a year of service, EVERY YEAR!
- Free VoIP service

"Whatever is decided, thought needs to be given to ensure that cable/internet is accessible to all who want it. Having some sort of price scale based on poverty level is crucial." – Tech/Edu/Non Profit Group



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RADICAL IDEAS

Free Community W-Fi

Goat





Many stakeholder groups saw similarity of this Policy Goal with Dragon.

Ensuring geographically, economically, and technologically equitable access

SERVICES

Expand affordable access to TPU footprint

NETWORK FEATURES

- Low \$ bar to getting access to basic services (equitable access);
- Wireless access for low income families, homework access

Many stakeholder groups saw similarity of this Policy Goal with Goat.

Only favored as a top 3 policy goal with high-tech & education stakeholders, who see the impacts of the digital divide, daily.

- 2028
- Basic Package (streaming) for all residents
- Internet for schools, transient community, and free internet to properties like Spaceworks
- Offer Public Access (part of PEG) channels



Dragon

RADICAL IDEAS

Expand Click! footprint to Tacoma Power footprint by

> "[I want] affordable standard rates that don't frequently change. Providing for Tacoma Public School students in regard to internet access and equipment." -Stakeholder Group

Safeguarding the use of telecommunications services by Tacoma Power, the City, and other local governments

SERVICES	NETWORK FEATURES	RADIC
 Keep network management in municipal control 	 A group that maintains critical assets to make sure they are healthy 	 Support for Cell service employee
		 Leverage Smart Uti Leverage Smart City
"City should retain majority con network in infrastructure."- Bu	advanced Wi-Fi, par traffic sigr security/m cameras	
	FOR DIALOG & RESOLUTION	

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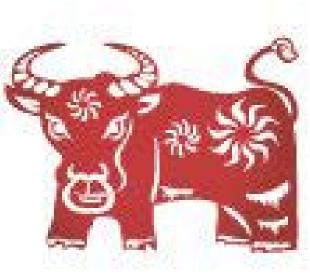
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CAL IDEAS

for City Wi-Fi vice for City

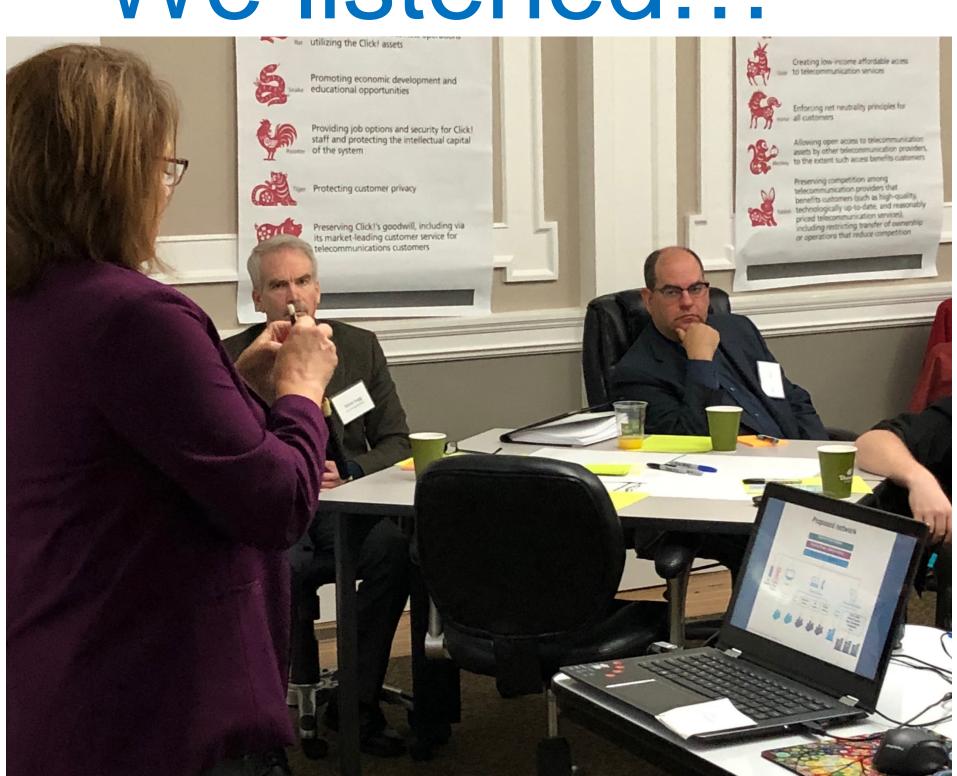
e network for tility initiatives e network for ity initiatives, like ed metering, muni arking meters, gnals, monitoring





Many stakeholder groups saw similarity of this Policy Goal with Dog.

We listened...





Protecting customer privacy

SERVICES

"Strong cyber security network is

important." – Subscribers Group

Low cost/affordable, reliable, net-neutral, consistent, privacy protecting service;

NETWORK FEATURES

The highest privacy controls available, exceptional customer service, open market firewall/security

none offered

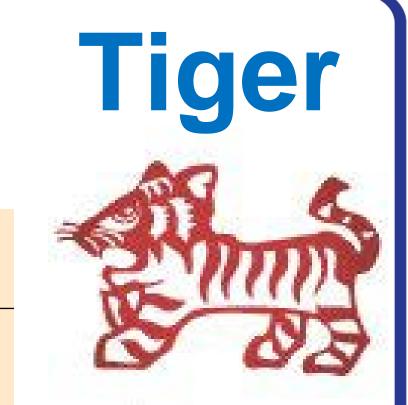


Few stakeholders responded to this Policy Goal; they felt this goal would be "taken care of" if their top 3 policy goals were implemented.

However, customer privacy was selected by both subscribers and non-subscribers as one of their top 3 policy goals.



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RADICAL IDEAS

Others noted that federal and state laws protect customer privacy; therefore, no policy goal is needed to cover this topic.

Allowing open access to telecommunication Monkey assets by other telecommunication providers, to the extent such access benefits customers

SERVICES

Equal opportunity to all players

NETWORK FEATURES

 More ISPs competing for the market share=more profit for Click!

- Offer/expand access to cloud services through MSAs
- Lease dark fiber assets (i.e. MSAs, cellular backhaul, etc)
- Eliminate ISP partners
- Open Access Network for Video, Internet and Voice services
- Expand the number of MSAs and ISPs using the network

"One provider should not have to filter/do business through a competitor." - ISP/MSA



RADICAL IDEAS



Maintaining financial stability of the telecommunications business operations utilizing the Click! Assets

SERVICES	NETWORK FEATURES	RADIC				
 Financial stability = Cost allocation 	 Financial and operational excellence; 	 Keep tech without a increase/a 				
	 Bundle cable, phone, internet 	 Marketing budget an marketing 				
"[Get] cost effective network equipment that utilizes other products besides Cisco." – Employee	"[Do] marketing with a healthy budget and experienced marketing executives." – Employee					

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CAL IDEAS

hnology up to date tax /assessment.

g w/ healthy nd experienced g executives





Few stakeholders understood this Policy Goal (except for Employees).

Promoting economic development and educational opportunities

SERVICES

 1-10 GB, high speed, cloud, secure, affordable

NETWORK FEATURES

- Local call center, training for youth and low rates
- Access public schools

RADICAL IDEAS

- Offer classes on Internet and use of technology (i.e. Internet security)
- Enable distance learning through partnerships with higher ed

"Provide wireless or wired access for low income families so students have access at home as well as in school." – Tech/Edu/Non Profit group





Snake



- . .
- No individuals selected Snake as their Top 3/Bottom 3 Policy Goal, but small groups did, in their discussions.

Providing job options and security for Click! staff and protecting the intellectual capital of the system

SERVICES	NETWORK FEATURES	RADIC
 not applicable 	 Maintain quality employees for the legacy knowledge of the infrastructure for maintenance 	Keep lega network co
"Keep click customer service employees employed with new ownership!" – Employee	"Stop the group approach a meet with each staff memb individually to chart a path – Employee	er

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Rooster



acy staff for continuity





Enforcing net neutrality principles for all customers

SERVICES

- Low cost/affordable
- Reliable
- Consistent
- Privacy protecting

NETWORK FEATURES

Net neutrality upheld locally

RADICAL IDEAS

None offered

"I do not want to support a company that does not equal net neutrality across all operations (even in other cities)." – Business



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Horse



- "Net neutrality" seemed to mean different things among stakeholders.
- For lay people, it seems to mean access to the Internet at the same speeds for all and many chose this as a top 3 policy.
- Those in the industry tended to choose this policy as least important.

Preserving Click!'s goodwill, including via its market-leading customer service for telecommunications customers

SERVICES

- A commitment to the community, customer service and a history of performance
- Reliable, fast, stable, fast internet

NETWORK FEATURES

- Customer first, fair billing, fast phone survey customers
- Keep public access, TV for now, free tech education

RADICAL IDEAS

long term contract

"Do not hire an outsourced call center to provide customer service. They are not invested in our community."– Employee

"Customer service with Click! has been amazing. It would be wonderful to maintain a personable company." – Subscriber



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Local customer services with call center and lobby, restricting contract, innovative up to date business practices. Think 20 years down the road;



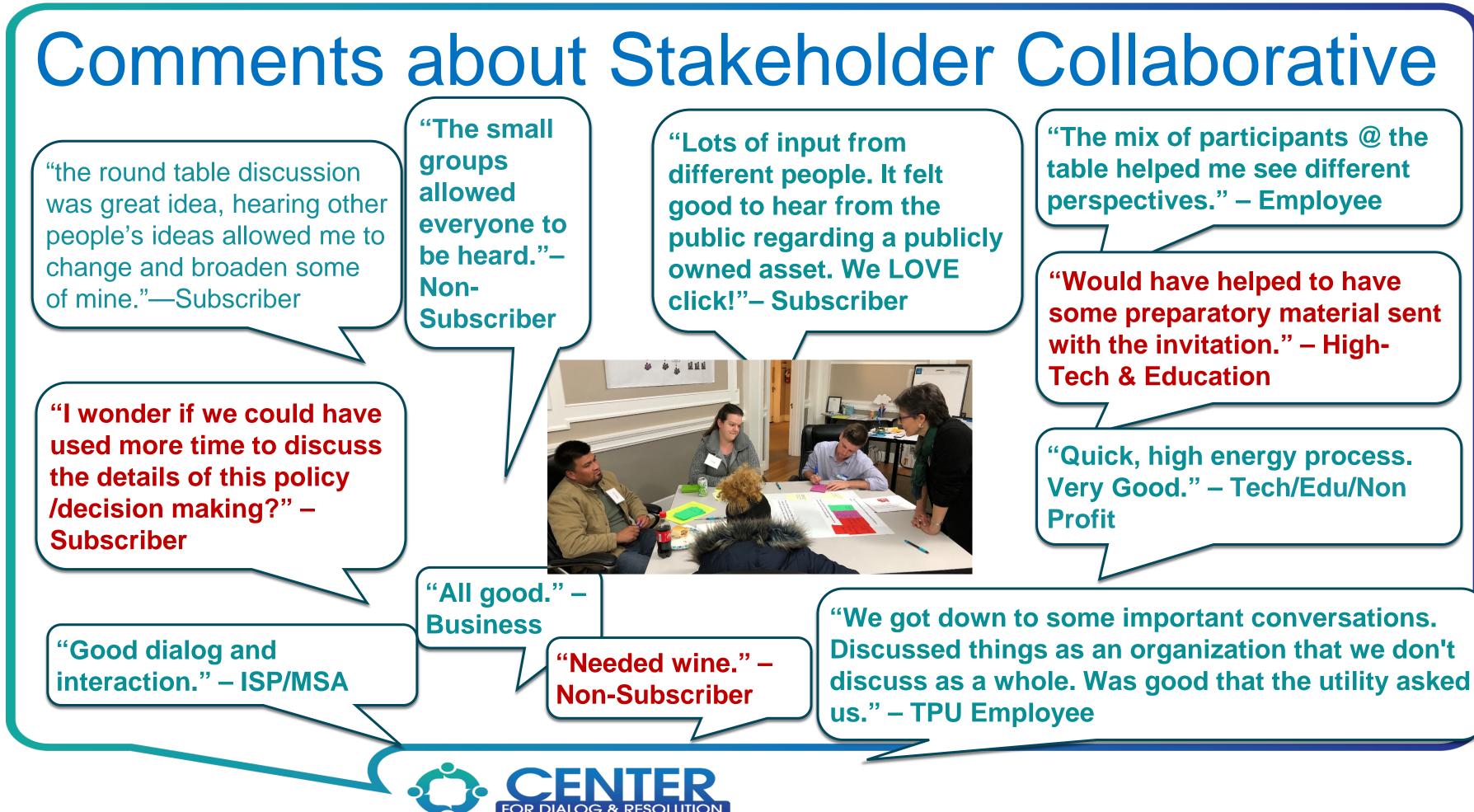


Employee pride in customer service is confirmed by positive comments from subscribers and nonsubscribers.

Themes on Public Private Partnership

- > All stakeholders appreciate, value and agree the public ownership is a priority.
- Appreciation of Click!'s level of customer service was highlighted and the request that future private partner be held to same level of service.
- **Request City and TPU create a measurement structure** to ensure the partner is being held accountable to the 12 policy goals.



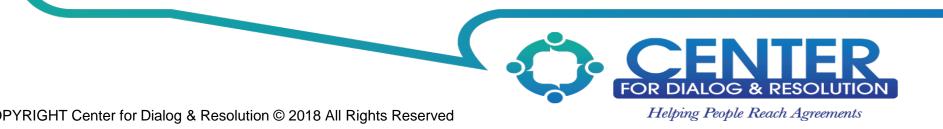


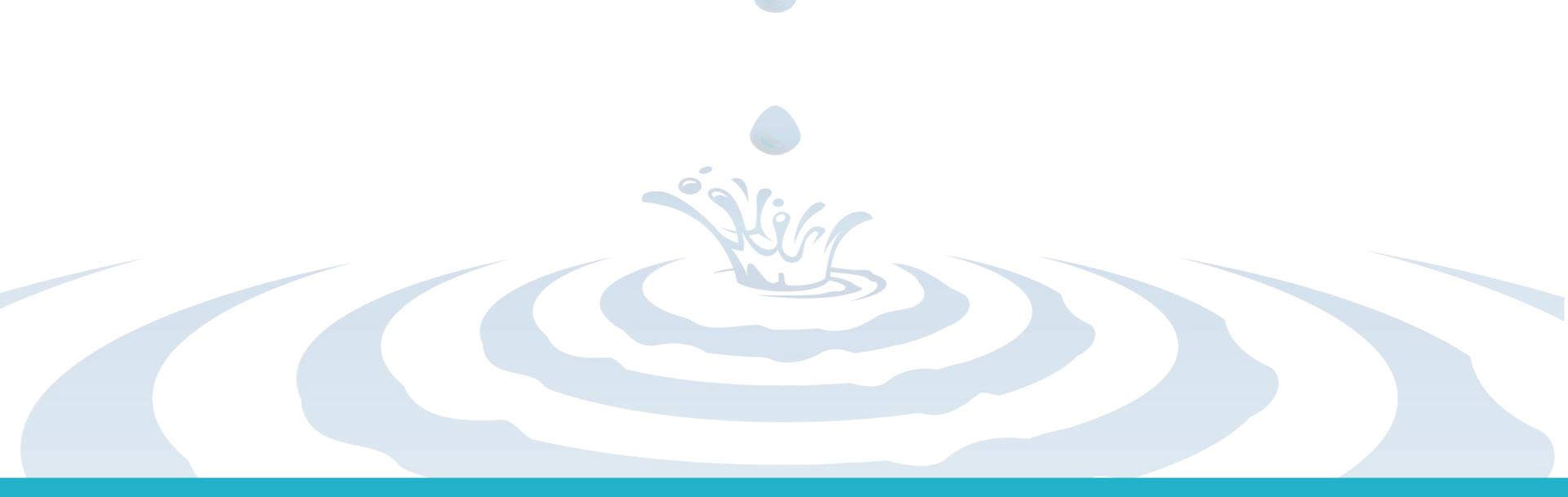
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Next steps?

- Share synthesized results with the negotiation team
- **Provide input on suggested Performance Measurements**
- Policy makers use this in selection of private partners
- Policy makers and partner use this data to help public understand decisions and expectations about future of system





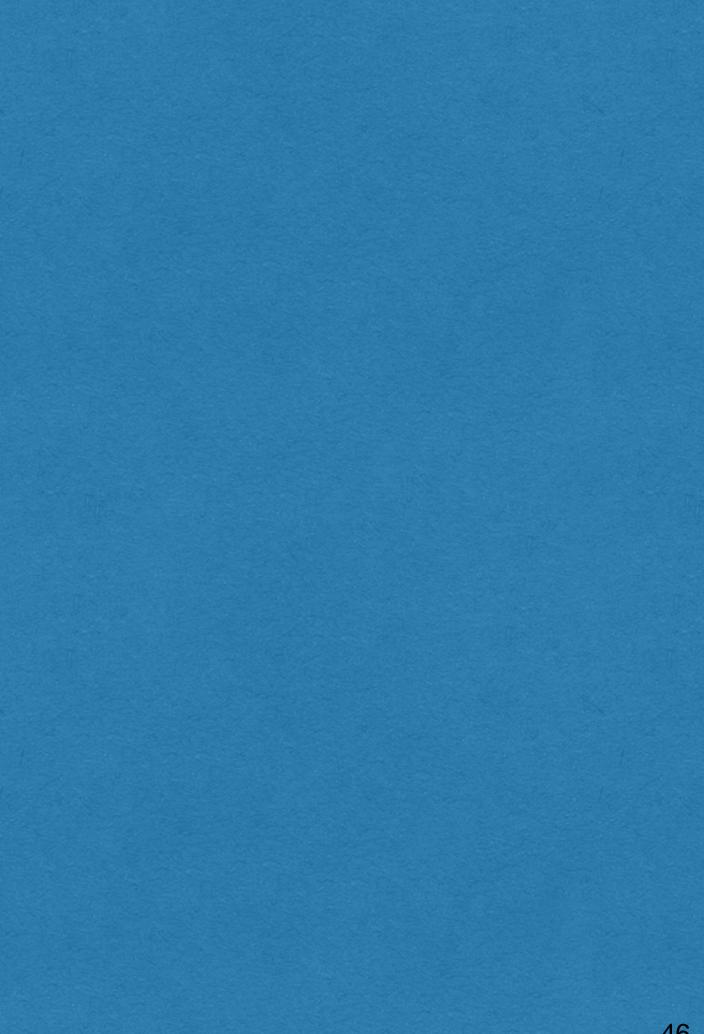


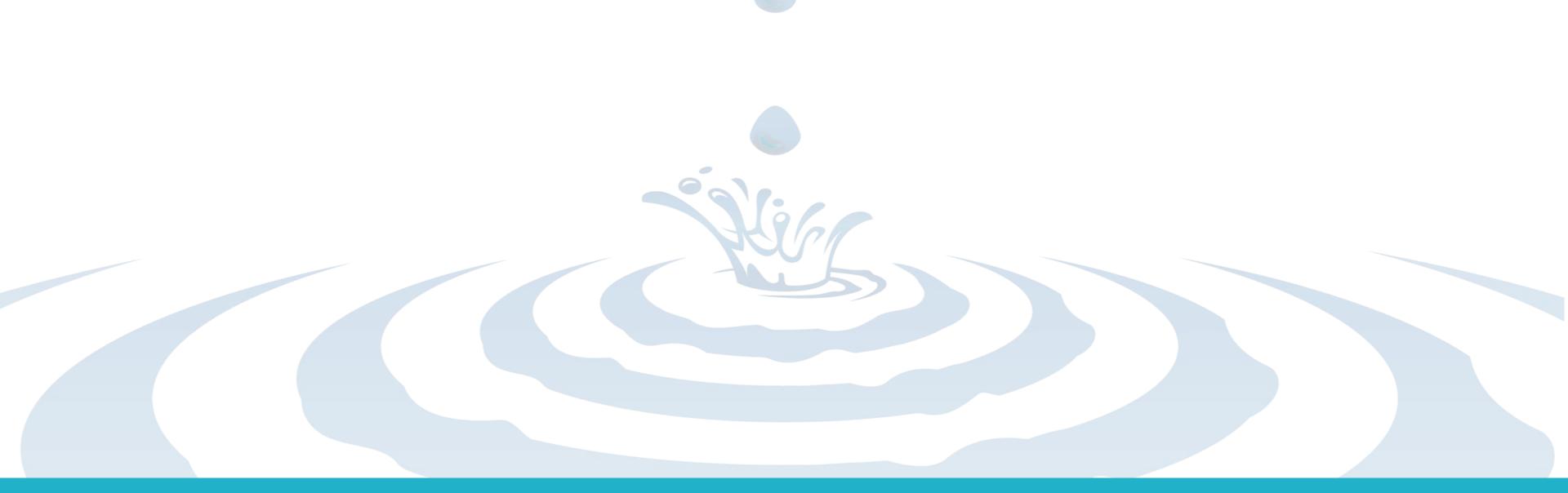
Thank You Shaping the future

Stakeholders' input on policy goal priorities & network services



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APPENDIX

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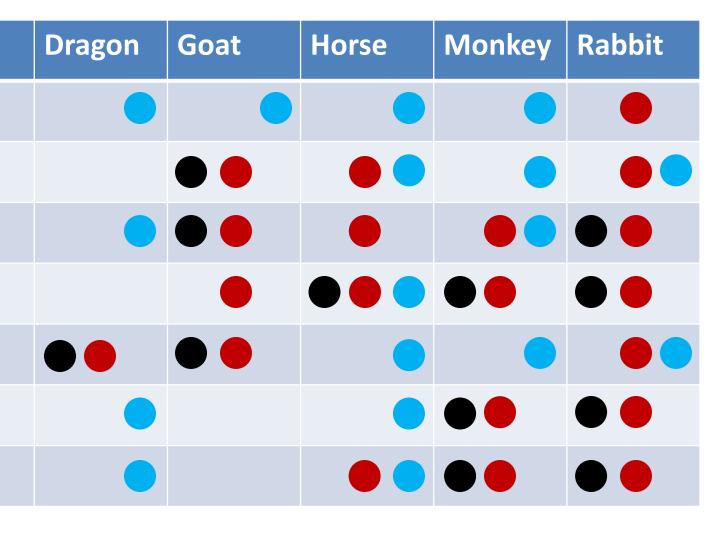
47

Policy Goals: Top 3 and Bottom 3

Stakeholder Group:	Number of Participants	Ох	Rat	Snake	Rooster	Tiger	Pig	Dog
Employees	36							
Subscribers	18	•						
Non- Subscribers	9							
Businesses	8							
Hi-Tech & Education	11				•			
ISP-MSA	7							
Public	7*							

* 3 members of the public were also present at the ISP/MSA collaborative.





- Top 3 policy goals ranked by individuals
- Top 3 policy goals selected by small groups
- Bottom 3 policy goals selected by small groups

Safeguarding the use of telecommunications services by Tacoma Power, the City, and other **local governments**

Stakeholder Group:	Number of Participants	Ох
Employees	36	
Subscribers	18	
Non- Subscribers	9	
Businesses	8	
Hi-Tech & Education	11	
ISP-MSA	7	
Public	7*	

Observations

- Those who related to this goal (employees) and hi-tech & education) ranked this goal as one of their top 3
- Other stakeholders with a residential/citizen perspective (subscribers and nonsubscribers) ranked it as one of their bottom 3 policy goals







Maintaining financial stability of the telecommunications business operations utilizing the Click! Assets

Stakeholder Group:	Number of Participants	Rat
Employees	36	
Subscribers	18	
Non- Subscribers	9	
Businesses	8	
Hi-Tech & Education	11	
ISP-MSA	7	
Public	7*	

Observations

- In individual rankings, this policy goal was not selected by enough people to rise to top 3
- Yet, in small group work, this policy goal was relegated to either a "top 3" policy goal or a "bottom 3" policy goal



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policy goal was not to rise to top 3 his policy goal was "policy goal or a

Promoting economic development and educational opportunities

Stakeholder Group:	Number of Participants	Snake
Employees	36	
Subscribers	18	
Non- Subscribers	9	
Businesses	8	
Hi-Tech & Education	11	
ISP-MSA	7	
Public	7*	

Observations

- In individual rankings, this policy goal was not selected by enough people to rise to top 3
- Yet, in small group work, this policy goal was relegated to either a "top 3" policy goal or a "bottom 3" policy goal



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Snake



policy goal was not a to rise to top 3 his policy goal was 3" policy goal or a

Promoting economic development and educational opportunities

Stakeholder Group:	Number of Participants	Rooster
Employees	36	
Subscribers	18	
Non- Subscribers	9	
Businesses	8	
Hi-Tech & Education	11	
ISP-MSA	7	
Public	7*	

Observations

- In small group work, all but the non-subscribers chose this as a "bottom 3" policy goal.
- Many said that this goal would be "taken care of" if their top 3 policy goals were implemented.







Protecting customer privacy

Stakeholder Group:	Number of Participants	Tiger
Employees	36	
Subscribers	18	
Non- Subscribers	9	
Businesses	8	
Hi-Tech & Education	11	
ISP-MSA	7	
Public	7*	

Observations

- Many said that this goal would be "taken care of" if their top 3 policy goals were implemented; Others noted that federal and state laws protect customer privacy; therefore, no policy goal is needed to cover this topic.
- However, customer privacy was selected by both subscribers and on-subscribers as one of their top 3 policy goals.





Preserving Click!'s goodwill, including via its market-leading customer service for telecommunications customers

Stakeholder Group:	Number of Participants	Pig
Employees	36	
Subscribers	18	
Non- Subscribers	9	
Businesses	8	
Hi-Tech & Education	11	
ISP-MSA	7	
Public	7*	

Observations

- Understandably, one of the subscribers small groups chose this customer service-oriented policy goal as one of their top 3.
- However, small groups in ALL stakeholder groups chose this policy goal as one of their bottom 3, because their top 3 policy goals would "take care of" this one.





Continuing public ownership of the telecommunications assets, especially those assets necessary for Tacoma Power operations

Stakeholder Group:	Number of Participants	Dog
Employees	36	
Subscribers	18	
Non- Subscribers	9	
Businesses	8	
Hi-Tech & Education	11	
ISP-MSA	7	
Public	7*	

Observations

- Consistently ranked by individuals as a top 3 policy goal.
- Ranked by all stakeholder groups as a top 3 policy goal.
- Fits with our observation that people generally were not able to hear or understand that the Click! network WILL REMAIN PUBLICLY OWNED.







Ensuring geographically, economically, and technologically equitable access

Stakeholder Group:	Number of Participants	Dragon
Employees	36	
Subscribers	18	
Non- Subscribers	9	
Businesses	8	
Hi-Tech & Education	11	
ISP-MSA	7	
Public	7*	

Observations

Only favored as a top 3 policy goal with hightech & education stakeholders (including non-profits) who see the impacts of the digital divide, daily.





Creating low-income affordable access to telecommunication services

Stakeholder Group:	Number of Participants	Goat
Employees	36	
Subscribers	18	
Non- Subscribers	9	
Businesses	8	
Hi-Tech & Education	11	
ISP-MSA	7	
Public	7*	

Observations

- Favored by many stakeholder groups as a top 3 policy goal
- Only TPU employees saw this as a bottom 3 policy goal







Enforcing net neutrality principles for all customers

Stakeholder Group:	Number of Participants	Horse
Employees	36	
Subscribers	18	
Non- Subscribers	9	
Businesses	8	
Hi-Tech & Education	11	
ISP-MSA	7	
Public	7*	

Observations

- People understand "net neutrality" in different ways.
- For lay people, net neutrality seems to mean that all have access to the Internet at the same speeds, and they tended to make this policy one of their top 3.
- Those in the industry have a more informed definition, and tended to choose this policy as least important.









Allowing open access to telecommunication assets by other telecommunication providers, to the extent such access benefits customers

Stakeholder Group:	Number of Participants	Monkey	0
Employees	36		•
Subscribers	18		
Non- Subscribers	9		•
Businesses	8		
Hi-Tech & Education	11		
ISP-MSA	7		
Public	7*		

Observations

- ISPs and MSAs and Businesses understandably chose this as one of their top 3 policy goals. The public stakeholders reflected this bias, since 3 of the 7 members of the public were ISP/MSA
- stakeholders, too.
- Non-subscribers were divided, with some choosing this policy goal as one of their top 3 or one of their bottom 3 policy goals.





Preserving competition among telecommunication providers that benefits customers (such as highquality, technologically up-to-date, and reasonably priced telecommunication services), including restricting transfer of ownership or operations that reduce competition

Stakeholder Group:	Number of Participants	Rabbit
Employees	36	
Subscribers	18	
Non- Subscribers	9	
Businesses	8	
Hi-Tech & Education	11	
ISP-MSA	7	
Public	7*	

Observations

Consistently selected as a top 3 policy goal in both individual rankings and in small groups within each stakeholder group.



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Rabbit



Services/Features: Group-Specific Questions

Special Questions

SUBCRIBERS: What services are necessary for you to continue your subscription to a city-owned network?

NON-SUBSCRIBERS: What would motivate you to switch from your current service to the Click! Network?

BUSINESS: What about the network will make it stand out as a competitive product for your business?

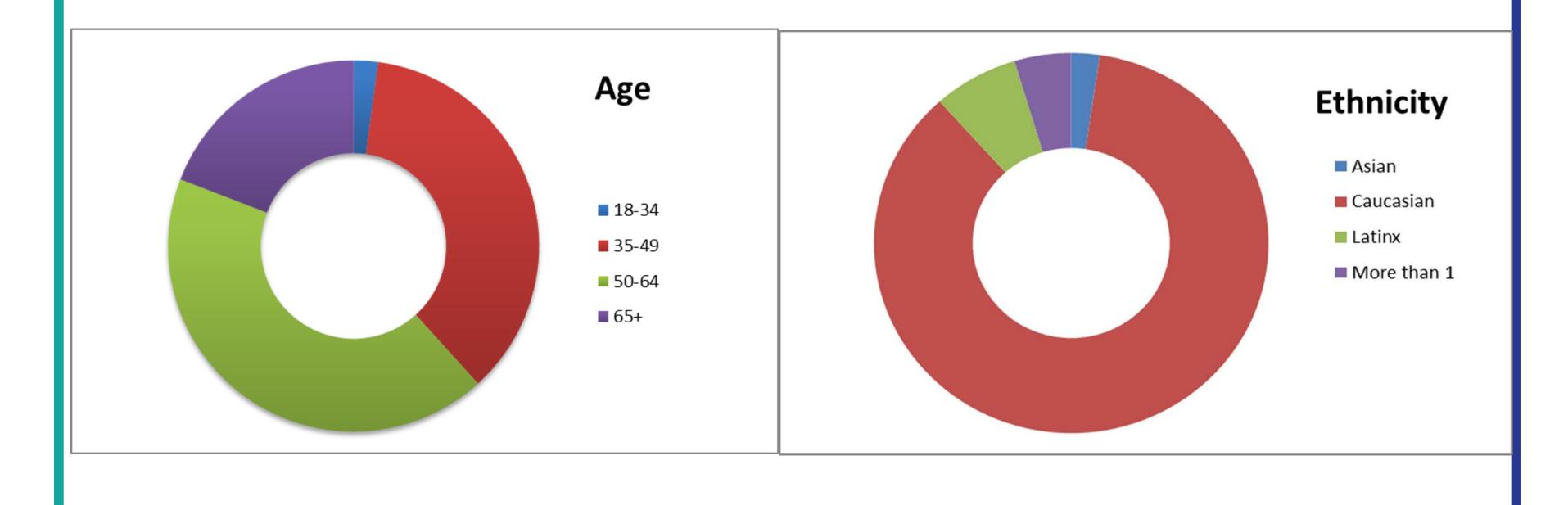
TECH/EDU/NON-PROFIT: What about the network will make it stand out as a competitive product for your business or institution?

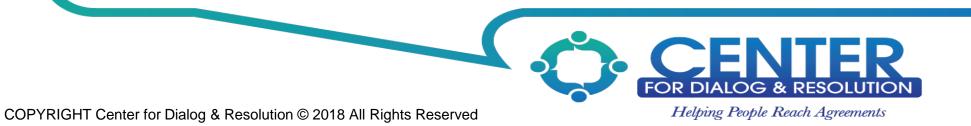
ISP/MSA: What are the most valuable aspects of this publiclyowned network, to (1) YOU as a service provider and (2) the **COMMUNITY?**

PUBLIC: What community interest is not being met today, that this network could provide in the future?



Stakeholder Demographics





Stakeholder Demographics Cont.

