# Network Intelligent Collaborative Innovation Project (NICIP)

Project GoalGather operators, vendors, research institutions, etc. to share model scenarios and data/R&D resources according to common network intelligence requirements of industry, jointly construct network intelligence algorithm models, then create network intelligence collaborative innovation ecosystem.

## **Project Works**

- · PlatformUsed to submit, store and maintain network intelligence scenario description files, data, and models
- Use case scenarioCollect and review network intelligence scenario requirements
- ModelNetwork intelligence scenario model R&D
- DataNetwork intelligence dataset construction
- EvaluationNetwork intelligence scenario model evaluation and ranking

### **Participation Ways**

- Join project Technical Committee
- Provide network intelligence use case scenario requirements
- Develop network intelligence use case scenario model
- Contribute to project operation and maintenance

#### **Project Organization Process Design**

Five stages to advance project operation and cycle iterations-

Prepare for publication of network intelligence	Model provider participation stage 2	Inference result evaluation stage	Excellent model sharing stage	Contributor award
Collect network intelligence	Model providers check the	The inference result	According to the release	Periodically awards or
-	network intelligent questions,		-	
	download data set, conduct			
Depending on the collection	model training and	program to refresh the	ranking such as top5, it is	intelligence problems and
of questions, 1~2 questions	development, upload the	ranking results, and	required to open and share	model providers, and the
or more will be released per	inference results,and the	record the real-time	the model and upload it to	technical committee will
issue. The questions will be	technical committee and the	ranking results through	gitlab, and the technical	recommend and review
published directly to gitlab,	question definer will jointly	ranking.txt	committee is responsible for	the final award list.
and will be reviewed and	review the result.		reviewing and incorporating	
stored by the technical			it.	
committee.				

#### **Project Timeline**

Items	Time
<ul><li>Project kickoff</li><li>Propose in opensource communities</li></ul>	May,2022
Introduce project in LFN DTF	Jun 13-16,2022
Scenario requirements , resources collection and review	Jul,2022
<ul> <li>Open network intelligent collaborative innovation project platform</li> <li>Online Scenario Requirements</li> </ul>	Mid-Jul,2022
Project will be progressing normally.	