



PPP MODE Applied in Agriculture Irrigation Field



大禹节水集团股份有限公司
DAYU IRRIGATION GROUP Co., Ltd.

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DAYU Irrigation Group Co., Ltd. founded in 1999, is a state-level high-tech enterprise relying on the Chinese Academy of water sciences, the science and technology promotion center of the Ministry of water resources, the Chinese Academy of Sciences, the Chinese Academy of engineering and other scientific research institutions. It was listed on the growth enterprise market of Shenzhen Stock Exchange in October 2009.

Since its establishment for 20 years, the company has always been focusing on and committed to solving and serving the problems of agriculture, rural areas and water resources. It has developed into a professional system solution of the whole industrial chain integrating agricultural water saving, urban and rural water supply, sewage treatment, intelligent water affairs, water system connection, water ecological treatment and restoration, and integrating project planning, design, investment, construction, operation, management and maintenance services Solution provider.



Make the
Agriculture
Smarter



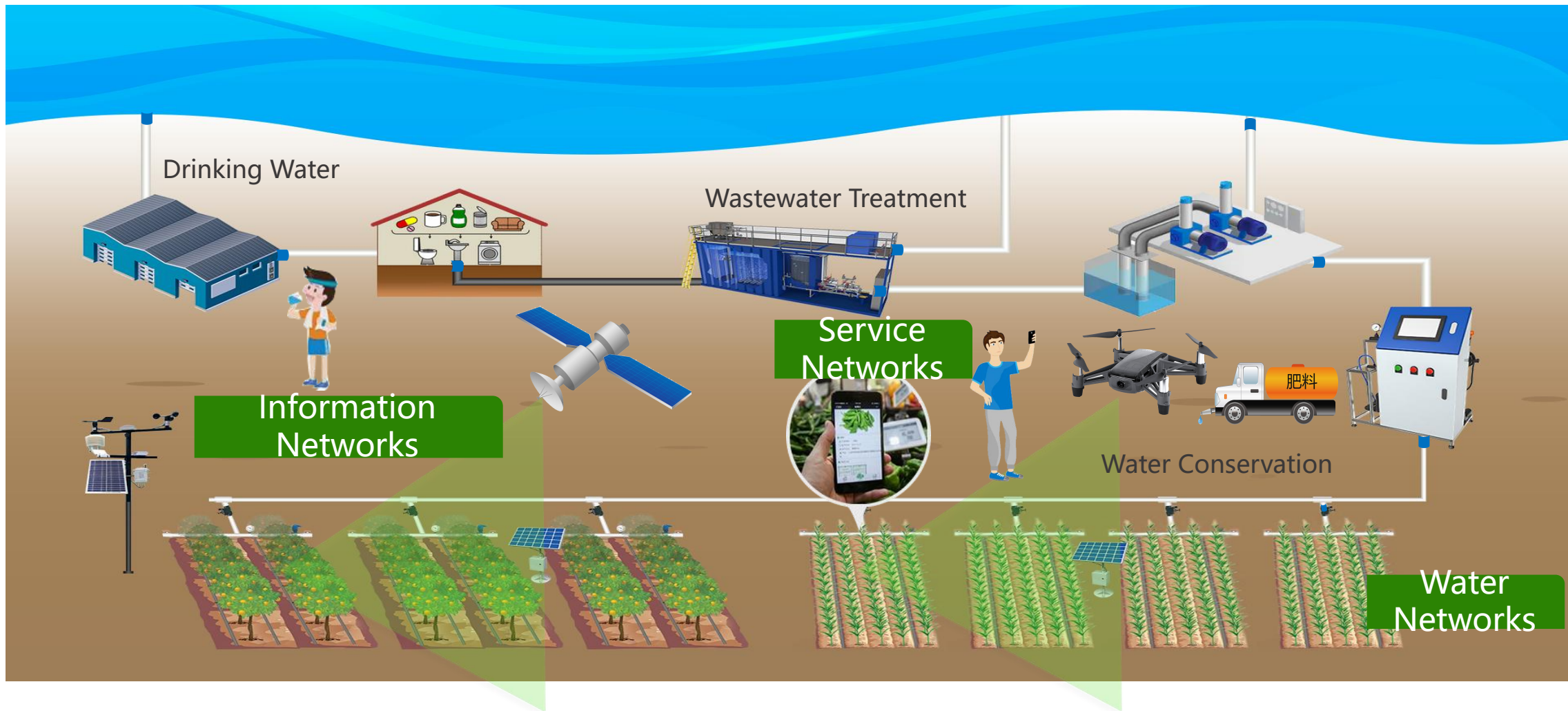
Make the
Countryside
Better



Make the
Farmer
Happier

Water Conservation + Drinking Water + Wastewater Treatment

Water Networks + Service Networks + Information Networks



➤ 1. "Farmers+cooperatives"

management mode

➤ 2. The management mode of "land transfer+priority employment+social security"

➤ 3. Integrated business model of "farmers+cooperatives+enterprises", and

"construction+management+service"

➤ 4. The operation and management mode of "Farmer+ Cooperative+Association"

➤ 5. "Farmer+Family Farm" management mode

Capital investment mode

Leverage social capital

EPC+O mode

Integration of investment, construction, management and service

PPP mode

three in one mature standard

Flexible innovation
Cooperation mode
Guarantee project
positive operation

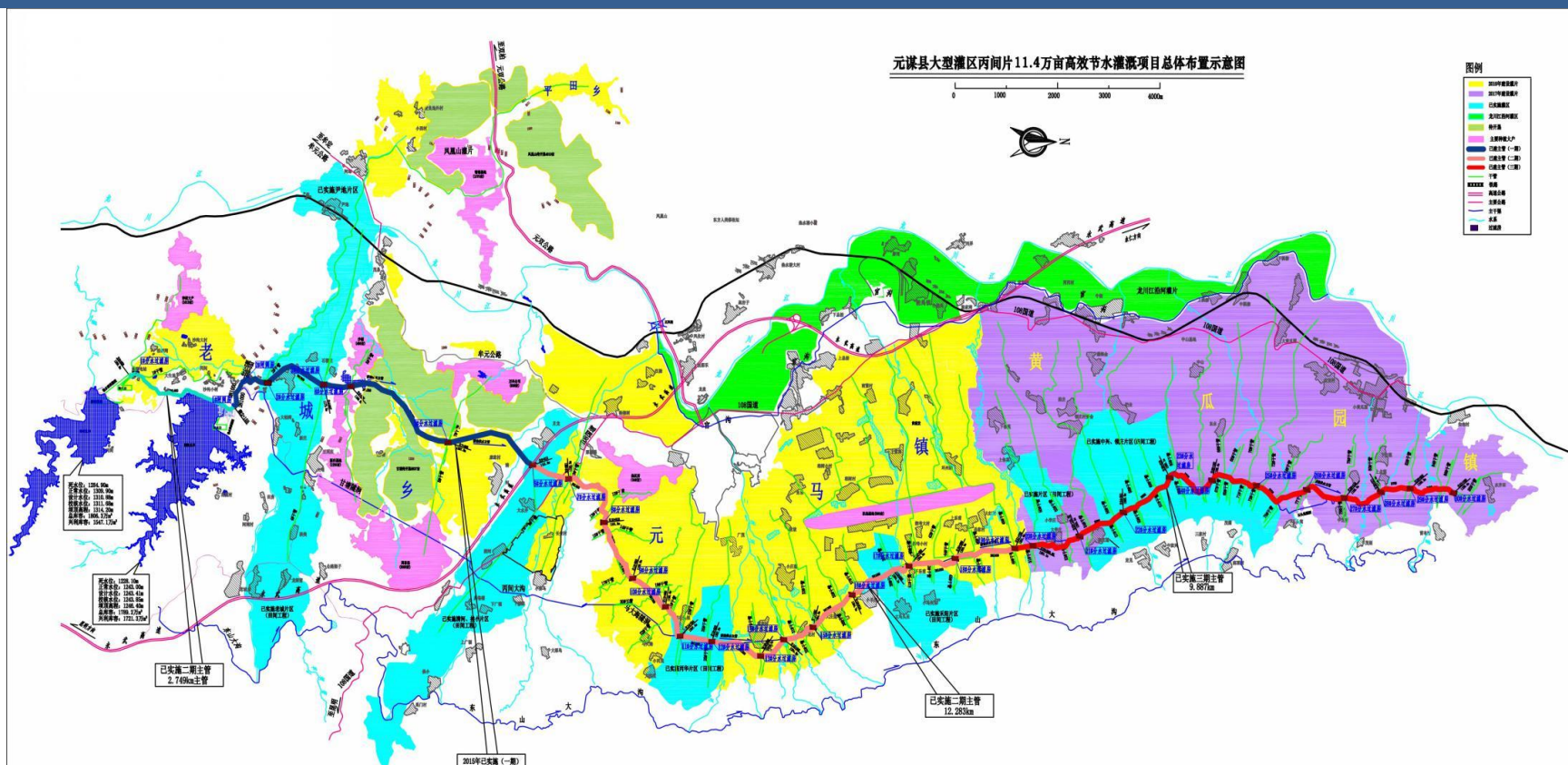
Contract water saving management mode

Introducing market mechanism

Multi Combined mode

Highly customized

Description of the Yuanmou project



The project is located in YuanMou county of Yunnan province in China, it is about 190km from Kunming city. The total irrigated area of the project is 7,600 ha with smart water measurement devices, automatic control and information management system and on-farm drip irrigation systems.



Construction of pipelines and drip irrigation system



Items	Number
Reservoirs	2
Water intakes	2
Main pipeline	189 km
Sub-main pipeline	266 km
Lateral pipelines	345 km
Distributed pipelines	242 km
Smart water measurement devices	5000 sets

Main mechanisms introduced in YuanMou PPP project

1. Jointly invested by Government, Dayu irrigation Group, Social capital and Local farmers;
2. Integrated and comprehensive design, construction, operation and maintenance;
3. Managed by specialized team with involvement of all stakeholders, including public, social capital, private and local farmers;
4. Enhanced the participation of water users by involving in management, water users not only get benefit from irrigation but also get benefit from project operation;
5. Encouraging water saving by introducing step water prices;
6. Introducing water right and water trade mechanism;
7. Extending service to farmers beyond water, such as fertigation and market information.

Beneficiary local community of YuanMou Project



Before construction of the project



After construction of the project



Beneficiary	Number
Township	4
Village	110
Household	13,300
People	66,300

YuanMou PPP Project helps farmers to grow high-value crops



Benefits of YuanMou PPP Project

Saving

"Save water", "Save fertilizer", "Save time", "Save labor"

- The average annual water saving is 21.58 million M³; the water saving rate is 48.6%
- The rate of saving fertilizer and medicine is more than 30%
- The average labor employment decreased from 67.5 people / ha to 30 people / ha

Increase

- The yield increase rate reached 24.2%
- Increase income per mu by more than 5000 yuan
- The per capita net income of farmers increased by more than 58%

Improvement

- The irrigation assurance rate is more than 90%
- The awareness of water conservation among the people in the irrigation area has been significantly enhanced

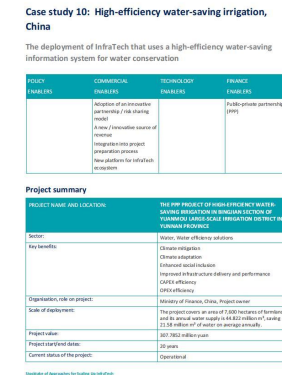


Water network: realize one network connection from water source to crop root

Information network: realize accurate measurement, automatic control and efficient operation of the system

Service network: 24-hour water supply service, agricultural technology, agricultural materials service, financial data support service, etc

Honors of YuanMou PPP Project



- Yuanmou project has been listed as the third batch of PPP national demonstration projects by the Ministry of finance;
- In December 2019, the Ministry of finance of China evaluated the "Yuanmou mode" as a model of "people's GDP" at the fourth PPP International Forum (Geneva, Switzerland, December 2019) of the United Nations Economic Commission for Europe (UNECE);
- In March 2022, the project was rated as "best practice case of Rural Revitalization of listed companies" by the association of listed companies;
- In July 2022, Yuanmou case was selected into the G20 global infrastructure Hub (GIH) infratech case set;
- In August 2022, Yuanmou case was selected into the "technology report on BRICs PPP promoting sustainable development"

Welcome to visit DAYU!

Please contact us if you have any question,

Contact: Mr. Fu

Cell Phone: +86 13501221844

Email: fs@dyjs.com (or international@dyjs.com)

Website: www.cndayu.com