国家级晋城经济技术开发区

National-level Jincheng Economic and Technological Development Zone

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光耀晋城智训未智创未来

Optical, mechanical and electrical industry develops rapidly in Jincheng which is going to embrace the future with intelligent industry





晋城市位于山西省东南部

总面积9490平方公里

常住人口217万

辖6个县(市、区)和1个国家级经济技术开发区

Jincheng City is located in the southeast of Shanxi Province, with a total area of 9,490 square kilometers. Its permanent resident population is 2.17 million. It governs 6 counties (cities and districts) and 1 national-level economic and technological development zone.



- ◆Peaceful China Initiative Model City
- ◆Top Tourist City of China
- ◆National Forest City
- ◆National Garden City
- ◆The International Awards For Liveable Communities
- ◆World Wellness Demonstration City

世界康养示范城市



文化底蕴厚重、历史悠久

It has a profound cultural heritage and a long history.



- ◆8000年前伏羲部落就活动在析城山 这里便是传说中的"昆仑丘"
- ◆**5000年**前神农炎帝在此尝百草、种禾黍
- ◆2500年前孔子北游晋国,留下了"孔子回车"典故
- ◆1500年前程颢在此建书院,传程派理学
- ◆500年前"九州针都"享誉世界
- ◆300年前康熙帝师陈廷敬编撰康熙字典 皇城相府成为"北方第一文化巨族之宅"
- ◆晋城文物古迹众多,沁河沿岸存在**117座**明清古堡







大阳古镇 Daiyang Ancient Town



孔子回车 Confucius Turns Back



湘峪古堡 Xiangyu Ancient Castle



程颢书院 Cheng Hao Academy



皇城相府 The Prime Minister's Mansion

- ◆8,000 years ago, the Fuxi tribe was active in Xicheng Mountain, which is the legendary "Kunlun Hill".
- ◆5,000 years ago, EmperorYan,the Chinese patron of agriculture, tasted hundreds of herbs and planted millet here.
- ◆2,500 years ago, Confucius traveled north to the State of Jin, leaving behind the anecdote of "Confucius Turns Back ", showing people of Jincheng was civilized in Confucius' time.
- ◆1,500 years ago, Cheng Hao established an academy here and passed on the Neo-Confucianism of the Cheng School.
- ◆500 years ago, Daiyang town of Jincheng,named the "Needle Capital of China" was renowned worldwide.
- ◆300 years ago, Chen Tingjing, the tutor of Emperor Kangxi, compiled the Kangxi Dictionary, and the Prime Minister's Mansion became the "residence of the first cultural giant in the north".
- ◆ Jincheng is rich in cultural relics and historic sites. Along the Qin River, there are 117 ancient castles from the Ming and Qing Dynasties.

经济发展强劲、转型布局已成

近5年 ▶▶▶

全市GDP由1362亿元增至2410亿元,年均增长12%,增速**全省第1**。

人均GDP去年达到11万元,稳居**全省第1**,超出全国 近2万元。

一般公共预算收入由138亿元增至256亿元,年均增长 13%。 Economy is developing strongly and Its economic transformation layout Has been completed.

In the past five years

The city's gdp has increased from 136.2 billion yuan to 241 billion yuan, with an average annual growth rate of 12%, ranking first in the province in terms of growth rate.

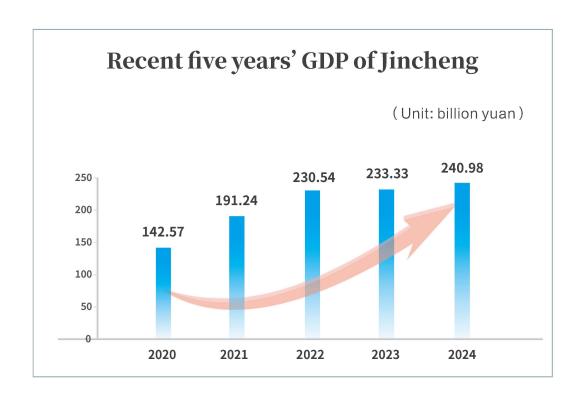
The gdp per capita reached 110,000 yuan last year, firmly ranking first in the province and exceeding the national average by nearly 20,000 yuan.

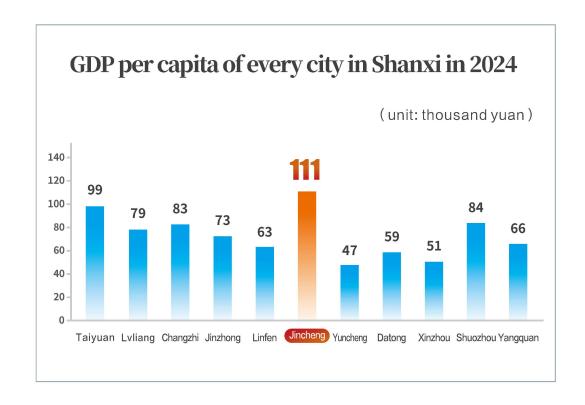
General public budget revenue increased from 13.8 billion yuan to 25.6 billion yuan, with an average annual growth rate of 13%.











转型发展积厚成势

- ◆煤炭先进产能占比95%
- **◆煤层气**产量连续5年保持全省第一,产量占全国的

2/5以上

◆光机电产值超700亿元,近5年年均增长37%(增幅 最大、发展最快、最具潜力的新兴产业)

The transformation and development have accumulated momentum

- ◆Advanced coal production capacity accounting for 95%.
- ◆The output of **coalbed methane** has remained the top in the province for five consecutive years, accounting for more than two-fifths of the national total.
- ◆The output value of optical,mechanical and electrical industry exceeded 70 billion yuan, with an average annual growth rate of 37% in the past five years. It is the emerging industry with the largest growth rate, the fastest development and the greatest potential.



煤炭 Coal Industry



煤层气 Coalbed Methane Industry



光机电 Optical,mechanical and Electrical Industry









8391家

Total Enterprises

四上企业

396户

Enterprises above Designated Size in Four Categories

规上工业企业

134户

Industrial Enterprises above Designated Size





五年四次位居全省前两名

It ranked among the top two in the province four times in five years.

在全国经开区中排名137位,位居全国中位

It ranks 137th among the national economic and technological development zones, which is at the median ranking.









国家绿色工业园区

National-level Green Industrial Park

国家双创示范基地

National-level Mass Entrepreneurship and Innovation Demonstration Base

省委、省政府赋予晋城 "建设光机电产业集聚城市"的战略定位 市委、市政府明确 "打造千亿级光机电产业集群"的发展目标

5年来全区累计承接长三角、粤港澳大湾区产业转移企业 130多家,形成3条特色产业链,富士康、华润、大唐、中船等世界 500强企业在经开区投资设立子公司











LED显示屏 Led Display Screen 触摸屏 Touch Screen 摄像头模组 Camera Module



硬质合金 Cemented Carbide 冷轧薄板 Cold-rolled Sheet



The Shanxi provincial committee of CPC and the provincial government have assigned Jincheng the strategic positioning of "building an optical,mechanical and electrical industry agglomeration city" and the Jincheng municipal committee of CPC and the municipal government have set the development goal of "creating a hundred-billion-yuan optical,mechanical and electrical industry agglomeration".

Over the past five years, the district has cumulatively undertaken more than 130 enterprises transferred from the Yangtze River Delta and the Guangdong-Hong Kong-Macao Greater Bay Area. It has now formed three characteristic industrial chains. Fortune 500 companies such as Foxconn, China Resources, Datang and CSSC have invested and set up subsidiaries in the Economic Development Zone.

从光机电企业来源看,70%的企业来自深圳;从近300位外来企业高管籍贯看,河南、湖南、湖北位居前三;从企业属性看,民营企业占全区企业总数93%,多彩的文化、理念在晋城碰撞,交织出许多新思想、新创意!

From the perspective of the sources of optical, mechanical and electrical enterpries, 70% of them are from Shenzhen. From the perspective of the native places of nearly 300 enterprise executives from other provinces, Henan, Hunan and Hubei rank the top three. From the perspective of enterprise attributes, private enterprises account for 93% of the total number of enterprises in the district. Diverse cultures and concepts collide in Jincheng, interweaving many new ideas and creativity!





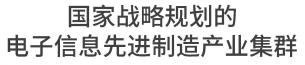
区位条件是企业投资布局的第一考量

Location conditions are the first consideration for enterprises in their investment layout









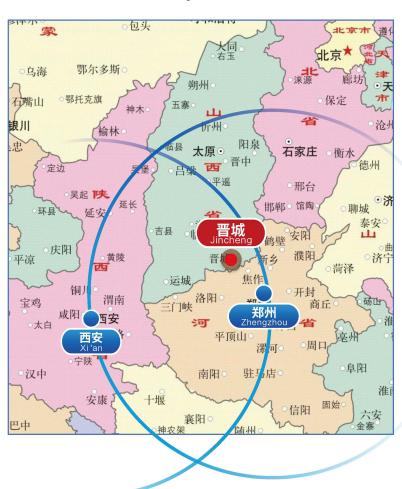
Zhengzhou Economic Circle is an advanced manufacturing industrial cluster of electronic information as planned by the nation.





国家定位的 重要科研和文教中心

Xi 'an is an important scientific research and cultural and educational center positioned by the state.



既可享中原大市场的生产交通便利 又可得西安科创资源的人才技术辐射 Jincheng not only enjoys the convenient production and transportation of the Central Plains market, but also benefits from the talent and technological radiation of Xi 'an's scientific and technological innovation resources.

音城 经济技术开发区

成本控制是企业扩大生存空间的重要考量

Cost control is an important consideration for enterprises to expand their survival space

富士康扎根晋城32年,培养了近4万名专业技师和 10万名光机电产业工人,晋城平均工资比深圳等 沿海地区低约1/3。

Foxconn has been rooted in Jincheng for 32 years, cultivating nearly 40,000 professional technicians and 100,000 workers in the optical, mechanical and electrical enterpries. The average salary in Jincheng is about one-third lower than that in coastal areas such as Shenzhen.







凭借丰富的煤、气、风、光资源,晋城工业电价较深 圳低约20%,气价不到深圳的一半。今年正在建设 "绿电产业园",不仅可助力企业出海抢单,电价还 可再降至0.5元/度。

With its abundant resources of coal, gas, wind and solar power, the industrial electricity price in Jincheng is about 20% lower than that in Shenzhen, and the gas price is less than half of that in Shenzhen. This year, the "Green Electricity Industrial Park" is under construction, which not only can helps enterprises go global to secure orders but also enables the electricity price to be further reduced to 0.5 yuan per kilowatt-hour.



产业链配套成本

围绕"视觉系统、新材料、人工智能" 3条特色产业链,经开区已集聚130家企业,每条 链上企业10到40家。

集聚CNC及 6806台 模具加工设备

加工精度最高达0.5微米

There are 6,806 CNC and mold processing equipment in the basic supporting facilities, with the highest processing accuracy reaching 0.5 microns.

SMT产线 111条

贴片精度±20微米

There are 111 SMT production lines, with a surface mount accuracy of ± 20 microns.

Cost of industrial chain support

The Economic Development Zone has gathered 130 enterprises around the three characteristic industrial chains of "visual systems, new materials, and artificial intelligence", with 10 to 40 enterprises on each chain.

注塑机

485台

锁模力从50吨到1200吨

There are 485 injection molding machines, with clamping forces ranging from 50 tons to 1,200 tons.

本地配套率达

70%

The local supporting rate of the three characteristic industrial chains has reached 70%.











创新土壤是企业抢占新赛道的养分来源

为企业发展打造一流创新生态。

政府端成立光机电产业研究院,设立8个省级技术创新服务平台,推行科研合同制、市场薪酬制、负面清单制、股权激励制等创新举措,着力培育科技优种。

先进半导体光电器件 与系统集成重点实验室	第四代半导体激光器芯片
山西省院士工作站	量子通信核心器件
山西省微纳米结构材料 与激光器件工程研究中心	先进半导体复合衬底
山西省知识产权服务站	柔性纳米复合材料

The soil of innovation is the source of nutrients for enterprises to seize new tracks

To build a first-class innovation ecosystem for the development of enterprises.

On the government side, we have established the Optical, mechanical and Electrical Industry Research Institute, set up 8 provincial—level technological innovation service platforms, and implemented innovative measures such as the scientific research contract system, market salary system, and equity incentive system, focusing on cultivating high—quality scientific and technological seeds.

Provincial-level Science and Technology Innovation Platform Incu

Incubate new quality projects

Key Laboratory of Advanced Semiconductor Optoelectronic Devices and System Integration	Fourth-generation Semiconductor Laser Chips
Shanxi Province Academician Workstation	Core Components of Quantum Communication
Shanxi Engineering Research Center for Micro – Nano Structural Materials And Laser Devices	Advanced Semiconductor Composite Substrate
Shanxi Province Intellectual Property Service Station	Flexible Nanocomposites

创新土壤是企业抢占新赛道的养分来源

The soil of innovation is the source of nutrients for enterprises to seize new tracks

推行科研合同制

对引进人才的科研目标、经费安排、任务要求全部以合同约定, 让人才有预期、有信心。

建立负面清单制

科研经费使用不受预算科目约束,让人才更用心、更专注。

创新 举措

实施市场薪酬制

允许科研团队对标市场取酬,让 人才更受激励、更显价值。

创新股权激励制

将团队收益与产业化目标紧密结 合,让人才为成果转化聚焦,为 赋能产业服务。

Promote the scientific research contract system

All the research goals, financial arrangements and task requirements for the introduced talents shall be stipulated in the contract, so that the talents have expectations and confidence.

Establish a negative list system

The use of research funds is not bound by budget items, allowing talents to be more dedicated and focused.

Innovative Measures

Implement the market compensation system

Allow research teams to be remunerated in line with the market, making talents more motivated and more valuable.

Innovate the equity incentive system

Closely integrate the team's benefits with the industrialization goals, allowing talents to focus on the transformation of achievements and serve the empowerment of industries.

-批"六新"项目,填补国内空白,技术国际领先。

世界前沿、国际领先的关键核心技术

清华大学 范守善院士

碳纳米应用实验室

中南大学 黄伯云院士

纳米硬质合金研发中心

中科院半导体所 牛智川研究员

第四代半导体全要素平台

日本东京大学 须贺唯知教授

晶圆键合半导体复合衬底

工业富联 李军旗博士团队

超高速机器视觉项目

武汉理工大学 陆平教授团队

纳米陶瓷玻璃研发中心

A series of "six new" projects fill domestic gaps and lead the world in technology.

World-leading Key Core Technologies

Academician Fan Shoushan from Tsinghua University

The Carbon Nano Application Laboratory

Academician Huang Boyun from Central South University

The Nano Hard Alloy Research and Development Center

Researcher Niu Zhichuan from Institute of Semiconductors CAS

The Fourth-generation Semiconductor All-Element Platform

Professor Tadatomo Suga from the University of Tokyo

The Wafer Bonding Semiconductor Composite Substrate

Dr. Li Junqi's team from Foxconn Industrial Internet Co., Ltd

The Ultra-high-speed Machine Vision Project

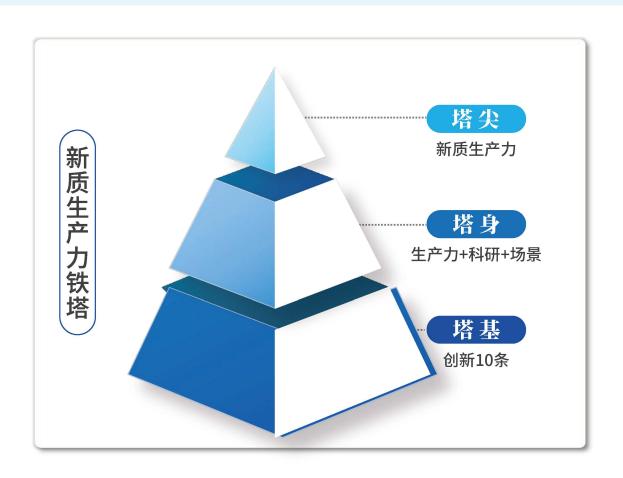
Professor Lu Ping's team from Wuhan University of Technology

The Nano-Ceramic Glass Research and Development Center of



构建全生命周期的创新体系, 推动新质生产力加快发展。

坚持围绕产业链部署创新链,贯通"研发、孵化、 转化、产业化"的科技创新全生命周期,推动科技创新 与产业创新深度融合,因地制宜发展新质生产力。

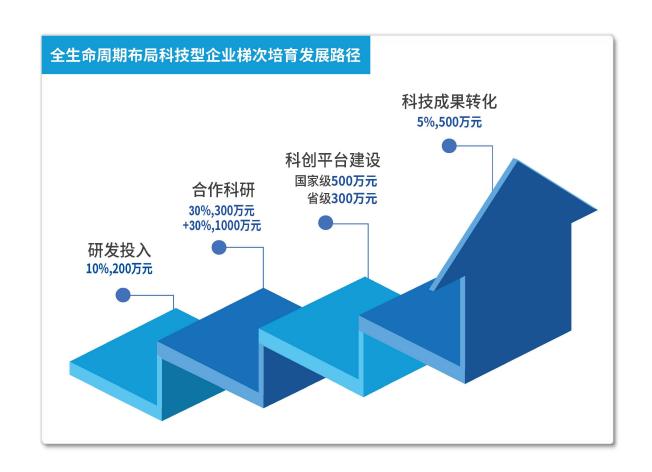


Build an innovation system covering full life cycle and promote the accelerated development of new quality productivity.

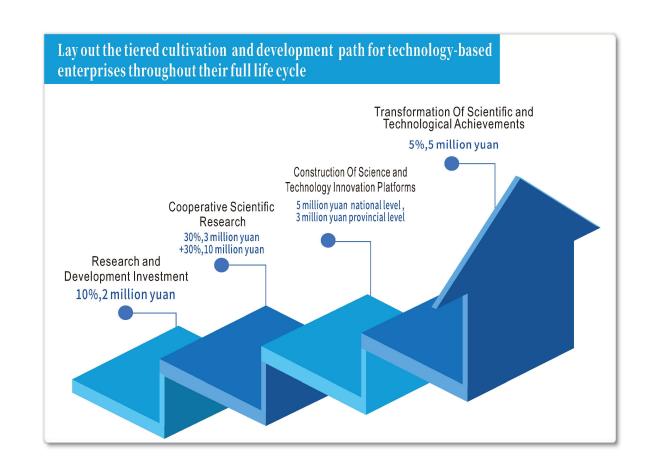
Adhere to deploying the innovation chain around the industrial chain, connect the full life cycle of scientific and technological innovation from "research and development, incubation, transformation to industrialization", promote the in-depth integration of scientific and technological innovation and industrial innovation, and develop new quality productive forces in accordance with local conditions.



构建全生命周期的创新体系, 推动新质生产力加快发展



Build an innovation system covering full life cycle and promote the accelerated development of new quality productivity





音城 经济技术开发区

通过"料创飞地"的方式,从深圳等先进地区导入优势资 源进行补短板、强弱项,为晋城光机电产业赋能升级。

科创飞地



创立 "晋城(粤港澳大湾区)科创中心" 搭建产业创新创业的飞地服务平台



引育孵化高新技术企业 导入科技创新资源



南孵化、西研发、中转化

加速布局西安科创飞地,与西电、西交大等高校共建联合 实验室, 打造"高校科研+晋城制造"的产业共同体。

通过构建"南孵化、西研发、中转化"的飞地网络,以市 场化机制推动创新要素精准滴灌,让科创飞地成为产业跃 升新引擎。

Through the "science and technology innovation enclave" approach, superior resources are introduced from advanced regions such as Shenzhen to make up for shortcomings and strengthen weak points, thereby empowering and upgrading the optical, mechanical and electrical industry in Jincheng.

Science and Technology Innovation Enclave



Establish "Jincheng (Guangdong-Hong Kong-Macao Greater Bay Area) Science and Technology Innovation Center" Build an enclave service platform for industrial innovation and entrepreneurship



Introduce, cultivate and incubate high-tech enterprises Import scientific and technological innovation resources



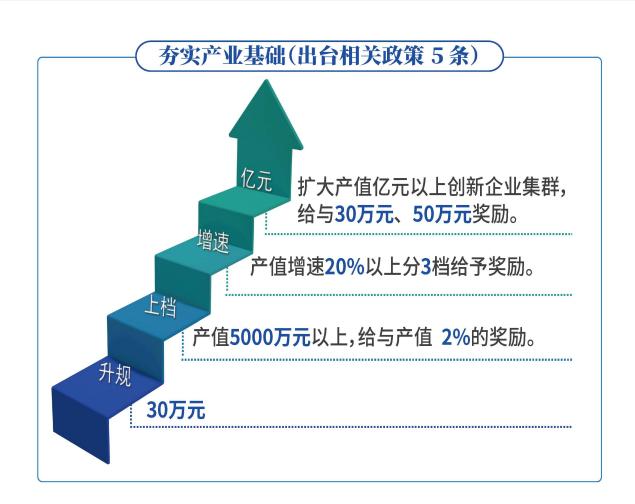
Incubation in south China, R&D in west China, and transformation in central China

Accelerate the layout of Xi 'an's science and technology innovation enclave, jointly build laboratories with universities such as Xidian University and Xi 'an Jiaotong University, and create an industrial community of "university research + Jincheng manufacturing".

By building an enclave network of "incubation in south China, R&D in west China, and transformation in central China", and promoting the precise irrigation of innovative elements through market-oriented mechanisms, the science and technology innovation enclave can become a new engine for industrial leapfrog development.

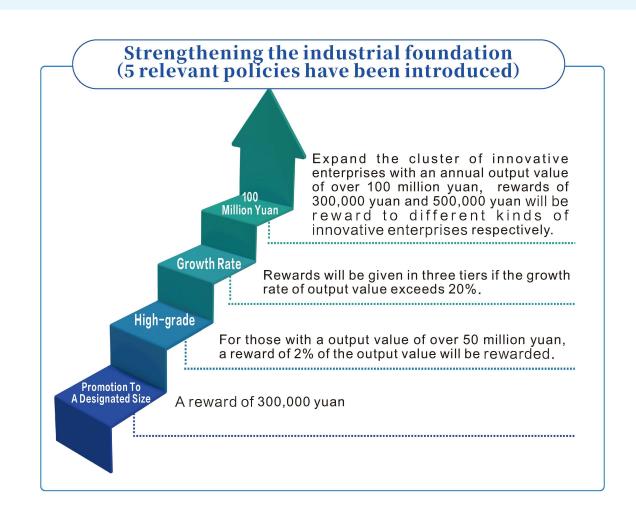


聚焦产业体系中的薄弱环节,持续**强链、补链、延链,** 促进产业结构升级,提升产业发展质量,增强产业发展的接 续性和竞争力,加快打造现代化产业体系。



Build a systematic industrial policy system and clarify the path for high-quality development

Focus on the weak links in the industrial system, continuously strengthen, supplement and extend the industrial chain, promote the upgrading of the industrial structure, improve the quality of industrial development, enhance the continuity and competitiveness of industrial development, and accelerate the building of a modern industrial system.



构建系统化的产业政策体系, 明确高质量发展路径

推动产业转型(出台相关政策 11条)

- ◆对高新、创小、专精特新、小巨人企业给予奖励。
- ◆争取到省级战新营收奖励的企业,按市级到位资金的4倍进行奖励。
- ◆支持企业技改、设备更新、数字化改造,按省级奖补资金1:1配套。
- ◆以培育跨境电商为重点,给与新增零售额2%的奖励。

扩大对外开放(出台相关政策 4条)

◆外资外贸

给与20%的奖励,最高500万元。

◈海外市场

对参加国际展会的组织者和企业均给与奖励,最高配套奖励60%。

◆国际合作

加快推进中国-丹麦国际产业合作园区建设; 对新拓展欧美市场的企业,给予订单履约金额**1%**的奖励。

Build a systematic industrial policy system and clarify the path for high-quality development

Promote industrial transformation (11 relevant policies have been introduced)

- Rewards are given to high-tech enterprise, innovative small and medium sized enterprise, specialized, refined, differential and innovative SMEs (SRDI SMEs), SRDI little giant enterprises.
- ♦ Enterprises that win provincial-level strategic emerging industry revenue rewards will be rewarded 4 times the amount of funds in place at the municipal level.
- Support enterprise technological transformation, equipment renewal and digital transformation, with 1:1 matching of provincial award and subsidy funds.
- ♦ With a focus on fostering cross-border e-commerce, 2% of new retail sales will be awarded.

Expand opening up to the outside world (4 relevant policies have been introduced)

♦ Foreign investment and foreign trade

A 20% reward will be given, with a maximum of 5 million yuan.

Overseas markets

Both the organizers and enterprises participating in international exhibitions will be rewarded, with the maximum matching reward reaching 60%.

♦International Cooperation

Accelerate the construction of the China-Denmark International Industrial Cooperation Park;

For enterprises that newly expand into the European and American markets, a reward of 1% of the order fulfillment amount will be given.

金融环境是企业借力成长的关键因素

着力构建多元化的助企投融资体系,出台"以投促进 24条"和"风险补偿28条",全力营造有利于企业发展的 金融环境。

用好两支基金

Make good use of the two funds

发挥政府产业引导谷雨基金和国企平台光合基金作用,为优质项目提供长期、耐心资本支持

Give full play to the role of Guyu Fund ,the government's industrial guidance fund, and Guanghe Fund,the state-owned enterprise platform fund, to provide long-term and patient capital support for high-quality projects.

- ◎13家国内知名投资机构入驻晋城
- ◎20个项目对接落地
- ◎总投资超70亿元
- ©Currently, 13 well-known domestic investment institutions have settled in Jincheng.
- © 20 projects have been connected and implemented.
- ©With a total investment of over 7 billion yuan.

The financial environment is a key factor for enterprises to leverage and grow

We are making efforts to build a diversified investment and financing system to assist enterprises, and have introduced the "24 Measures for Promoting Investment" and the "28 Measures for Risk Compensation", fully creating a financial environment conducive to the development of enterprises.

贷款风险补偿

Loan risk compensation

财政出资设立中小企业贷款风险补偿资金,对银行、担保机构不良贷款给予30%的风险补偿

The government funds the establishment of a loan risk compensation fund for small and medium-sized enterprises, providing a 30% risk compensation for non-performing loans to banks and guarantee institutions.





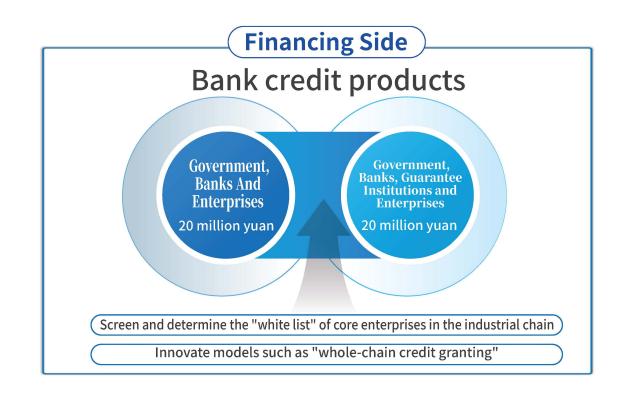
构建多元化的投融资体系, 加速优质企业成长

以金融服务实体经济为导向,探索**国有资本、社会 资本**共同参与的**多元化投融资机制**,为企业提供多样化 专业性的金融产品,提升金融服务实体经济质效。



Build a diversified investment and financing system to accelerate the growth of high-quality enterprises

Guided by the principle of finance services the real economy, we explore a diversified investment and financing mechanism involving both state-owned capital and social capital, provide enterprises with a variety of professional financial products, and enhance the quality and efficiency of finance services the real economy.



专业厂房是企业抢抓市场机遇的重要支撑

坚持"拿地即开工、签约即入驻"的硬件配套要求, 经开区强化标准地、标准厂房"双标"供给,累计投资 80亿元,建成标准地2000余亩、标准厂房200万平米。



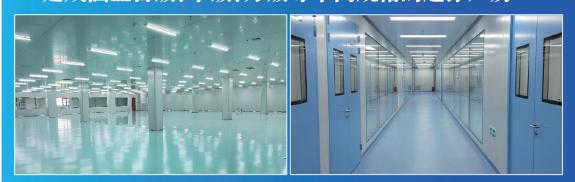
Professional factory is an important support for enterprises to seize market opportunities

Adhering to the hardware support requirements of "starting construction upon land acquisition and settling upon signing the contract", the Economic and Technological Development Zone has strengthened the supply of standard land and standard factories, with a total investment of 8 billion yuan, having built over 2,000 mu of standard land and 2 million square meters of standard factories.

拎包入住 建设标杆

周边最低(租金标准)

建成涵盖百级、千级、万级等不同规格的超净厂房



可有效满足企业研发、中试、生产等各类不同需求

Taking "move-in ready" as the construction benchmark and "the lowest in the surrounding area" as the rental standard, we have built ultra-clean factories of different specifications including Class 100, Class 1,000, and Class 10,000, which can effectively meet the various needs of enterprises for research and development, pilot production, and manufacturing.



高效服务是企业投资最看重的营商环境

在政务服务上,深化"承诺制+标准地+全代办"改革,实 行项目经理终身陪跑,建立"三前一代"服务机制; 在园区运营服务上,以园区公司为主体,面向企业需求, 以空间、资源、场景吸引专业机构,嵌入产业链供应链服



务链,形成"1+N"模式。



面向企业需求

嵌入产业链供应链服务链

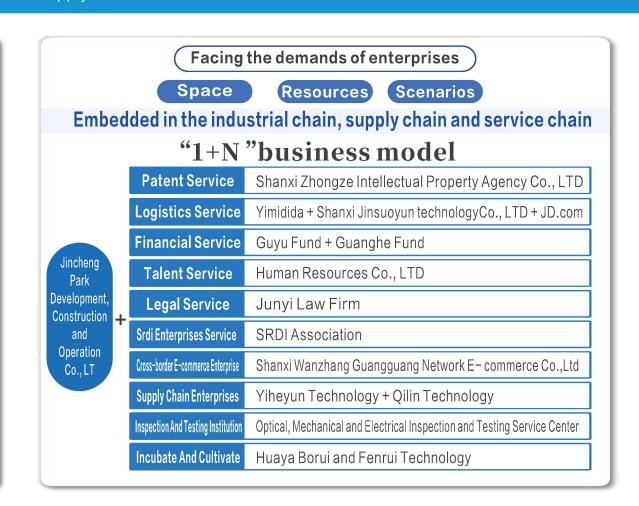
"1+N"经营模式

	物流	壹米滴答+晋飕云+京东
	金融	谷雨十光合
	人才	人力资源有限公司
_	法律	君宜律师事务所
	专精特新	专精特新协会
	跨境电商	万丈光芒
	供应链	易和云科技+麒麟科技
	检验检测	光机电检验检测服务中心
	孵化培养	华雅博瑞+汾睿科技

Efficient service is the key part of the business environment that enterprises value most when investing

In terms of government services, we have deepened the reform of "Enterprise investment project commitment system, standardized land supply for projects, and leading and agency services for investment project construction", implemented the accompanying of project managers to enterprises during their whole lives, and established the "intervention in advance, proactive service, pre-examination ahead of time, and fullprocess agency services" service mechanism.

In terms of park operation services, with Jincheng Park Development, Construction and Operation Co., LT as the main body, we focuses on the demands of enterprises, attracts professional institutions with space, resources and scenarios, to embed into the industrial chain, supply chain and service chain to form a "1+N" model.



不是江南近似江南

Not Jiangnan (regions south of the lower raeaches of the Yangtze River), but similar to Jiangnan!

晋城生态宜居、绿意葱葱,森林覆盖率40.3%, 比肩湖南湘潭(42.5%)和广州(41.9%) 温和宜人、气候舒适,雨热同季、不湿不燥, 年均气温11℃,夏均23℃。 Jincheng is ecologically livable and lush with greenery, the forest coverage rate is 40.3%, comparable to that of Xiangtan, Hunan Province (42.5%) and Guangzhou (41.9%). The climate here is mild and pleasant, with an average annual temperature of 11°C and an average summer temperature of 23°C.



赋能光机电产业

We sincerely invite upstream and downstream enterprises in the Optical, mechanical and Electrical Industry as well as production—oriented service industries to invest and start businesses in Jincheng, and empower the Optical, mechanical and Electrical Industry.

