



North Phoenix Update

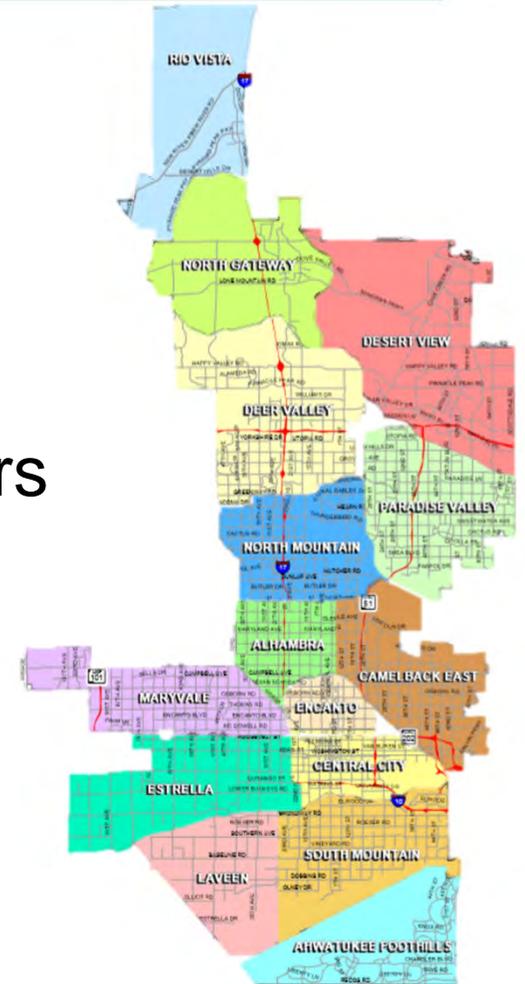
Christine Mackay
Community and Economic Development

CITY OF PHOENIX

Phoenix By The Numbers

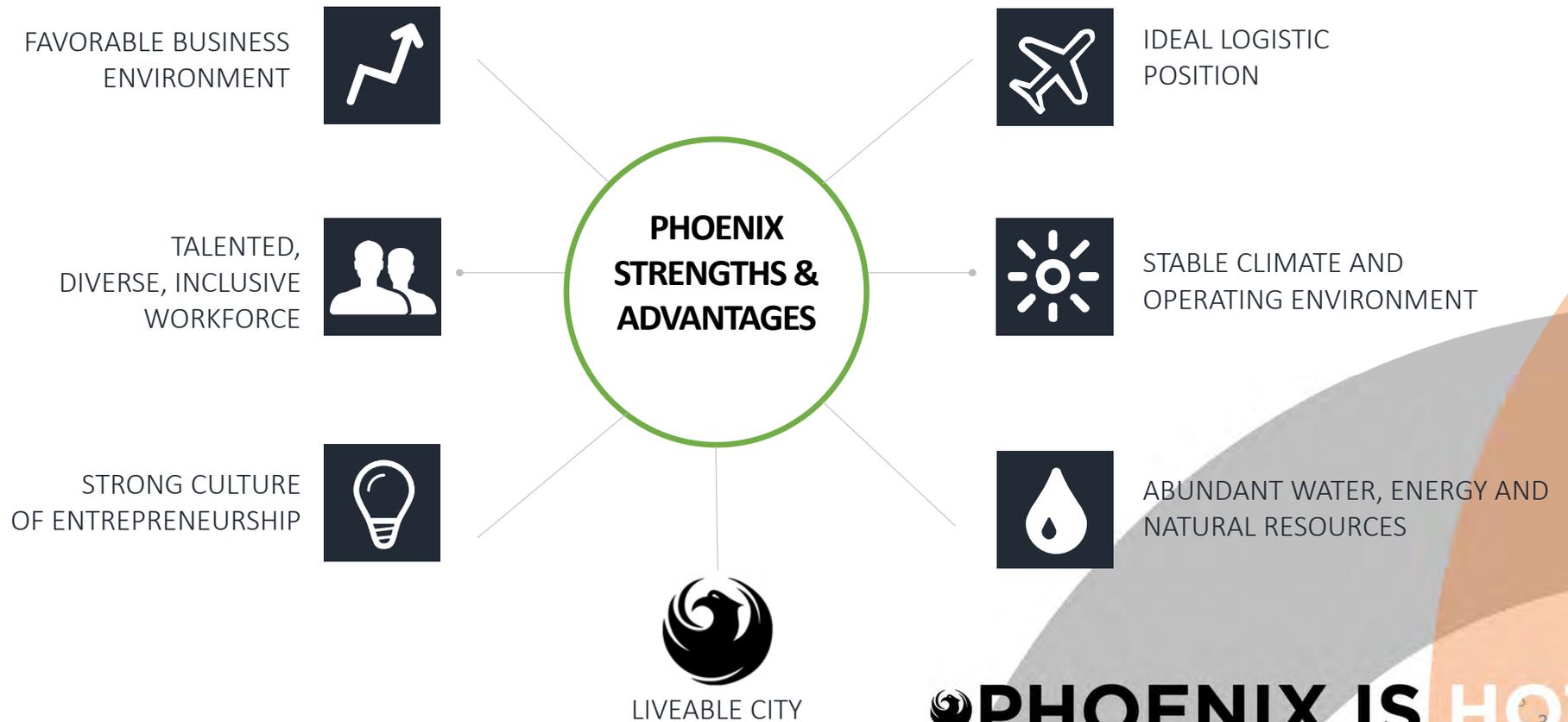
Top 10 Metro Area

- 517 Square Miles
- 1.7 Million Residents
- 5th Largest City in US
- Fastest growing city in the nation – 5 years in a row
- Fastest growing city in the nation – last decade
- 3.8% Unemployment Rate November '21



Strengths and Advantages

Decades in the making...



PHOENIX IS HOT

Phoenix Business Development Activity

**Industrial
70%**

**Healthcare/Bio
20%**

**Office
10%**



Job Creation

Target Industries:

Advanced Business Services

Emerging Technologies

International Business/Trade

Manufacturing

Bio/Life Sciences

Software

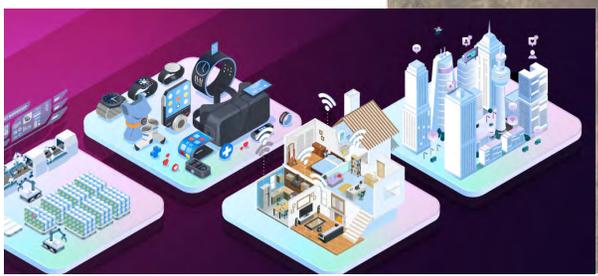
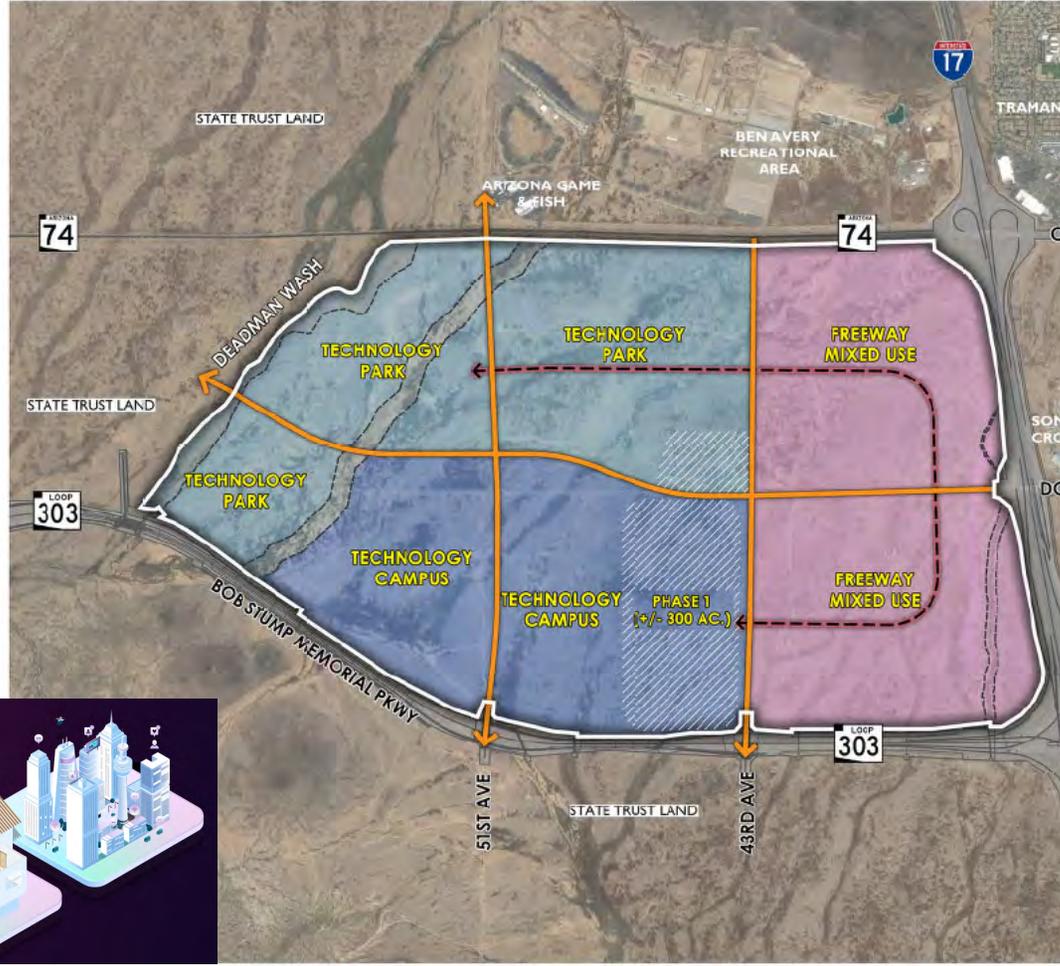
In 5 years, added 73,000+ jobs

WebPT® Z GIFTCARD ZEN
BY RetailMeNot
equityhealthcare
Uber
Beacon biomedical
FARMERS INSURANCE
hadrian®
Gainsight
SCIENTIFIC GAMES
tsmc
upgrade
Schneider Electric
Banner Health.
studio
oculo
Dignity Health.
EY
gouldevans
ocado
doubledutch
Synergy Solutions
CVS pharmacy™
Kroger FRESH FOR EVERYONE™
Hello FRESH
INTEGRATE Where Business Starts
NAGRA KUDELSKI GROUP
GABRIEL PARTNERS
Quicken Loans®
tgen® AN AFFILIATE OF City of Hope.
TUFT & NEEDLE
freshly



Sonoran Oasis Science & Tech Park

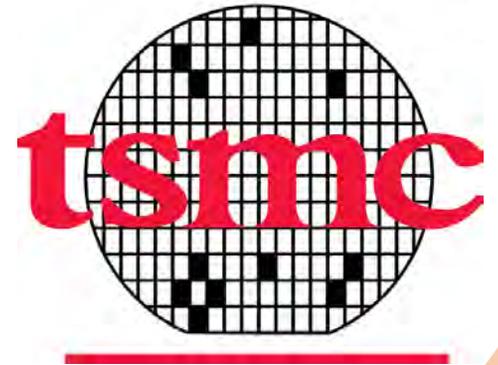
3,500 acres zoned for technology and support uses



Taiwan Semiconductor Manufacturing Company

Result of continued efforts to attract Advanced Industry companies into Phoenix

- TSMC, based out of Hsinchu Taiwan, announced it will construct an advanced semiconductor FAB in Phoenix
- Facility will be used to produce its 5-nanometer technology for semiconductor wafer fabrication
- 1,900 high-tech direct jobs
- Thousands of indirect jobs in the semiconductor ecosystem.
- Construction started March 31, 2021 with production targeted to begin in 2024
- \$12 billion total capital investment
- One of the largest private investments in State history
- \$16.1 billion in economic impact

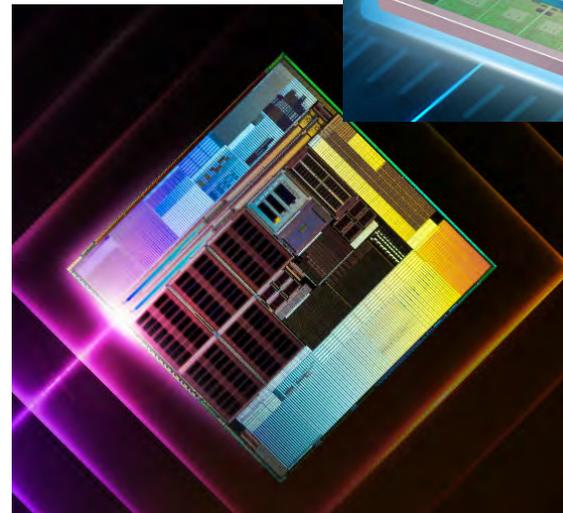
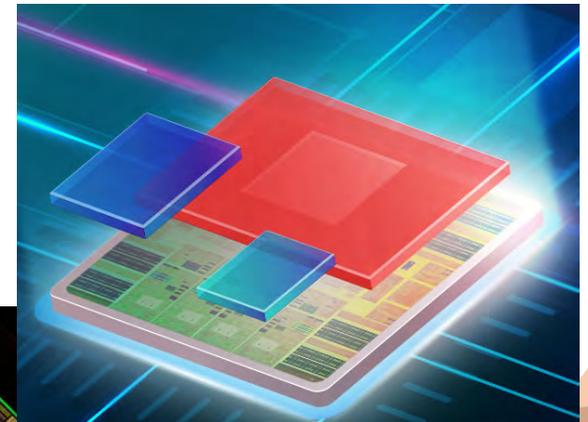


 **PHOENIX IS HOT**

World Top Semiconductor Companies 2021

List by Market Cap as on Sept 2021

1. TSMC
2. NVIDIA
3. Samsung
4. ASML Holdings
5. Intel
6. Broadcom
7. Qualcomm
8. AMD



TSMC Wafer Manufacturing Facility

- National Search for US location – Phoenix prevailed
- 1,125 Acres acquired in Biscuit Flats
- To be competitive, City is providing regional public infrastructure through a development agreement
 - Three miles of arterial streets
 - Water and Wastewater infrastructure
 - Guaranteed service capacity of water
- Will operate a Foreign Trade Zone (FTZ) designation by the Federal FTZ Board at this location



Economic Impact



Third Party Analysis

\$16.1B

20-year Total

Economic Output

20-Year Economic Impact to City of Phoenix

Impact	Jobs	Personal Income	Economic Output	Revenues
Direct	1,813	\$2,913,384,440	\$11,029,756,520	\$125,560,667
Indirect	1,254	\$1,519,225,340	\$5,115,098,020	\$17,903,980
Total	3,067	\$4,432,609,780	\$16,144,854,540	\$143,464,647

Assumptions

Total Employment at the end of 20 Years: 1,813 jobs

Annual Payroll at the end of 20 Years: \$145.7 million

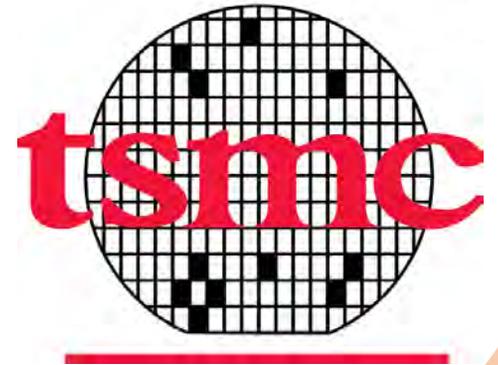
Total Real Property Investment: \$2 billion

Total Personal Property Investment: \$10 billion

TSMC Partnerships

Community Benefits of Location

- Partnerships with schools and colleges
 - STEM Academies within individual schools
 - Teacher training & internships within company
 - Curriculum connection
 - Future workforce and employment opportunities
- Jobs generating bringing more families into Phoenix
- Room nights for employees, vendors and clients
- Could lead to an Asia direct flight to Sky Harbor

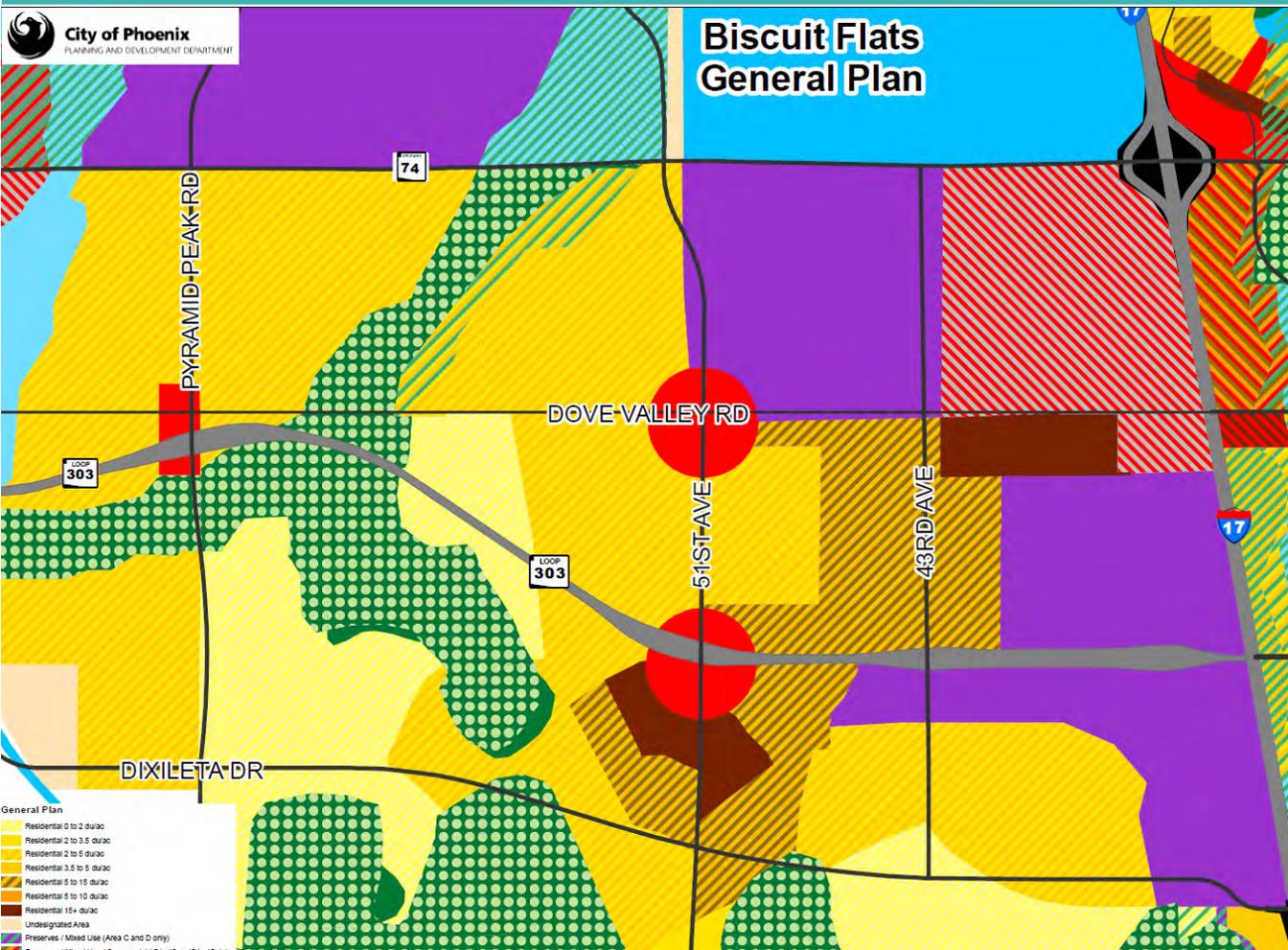


Biscuit Flats

What can we expect next?



Biscuit Flats General Plan



12,000 acres

Mixed Use

Residential

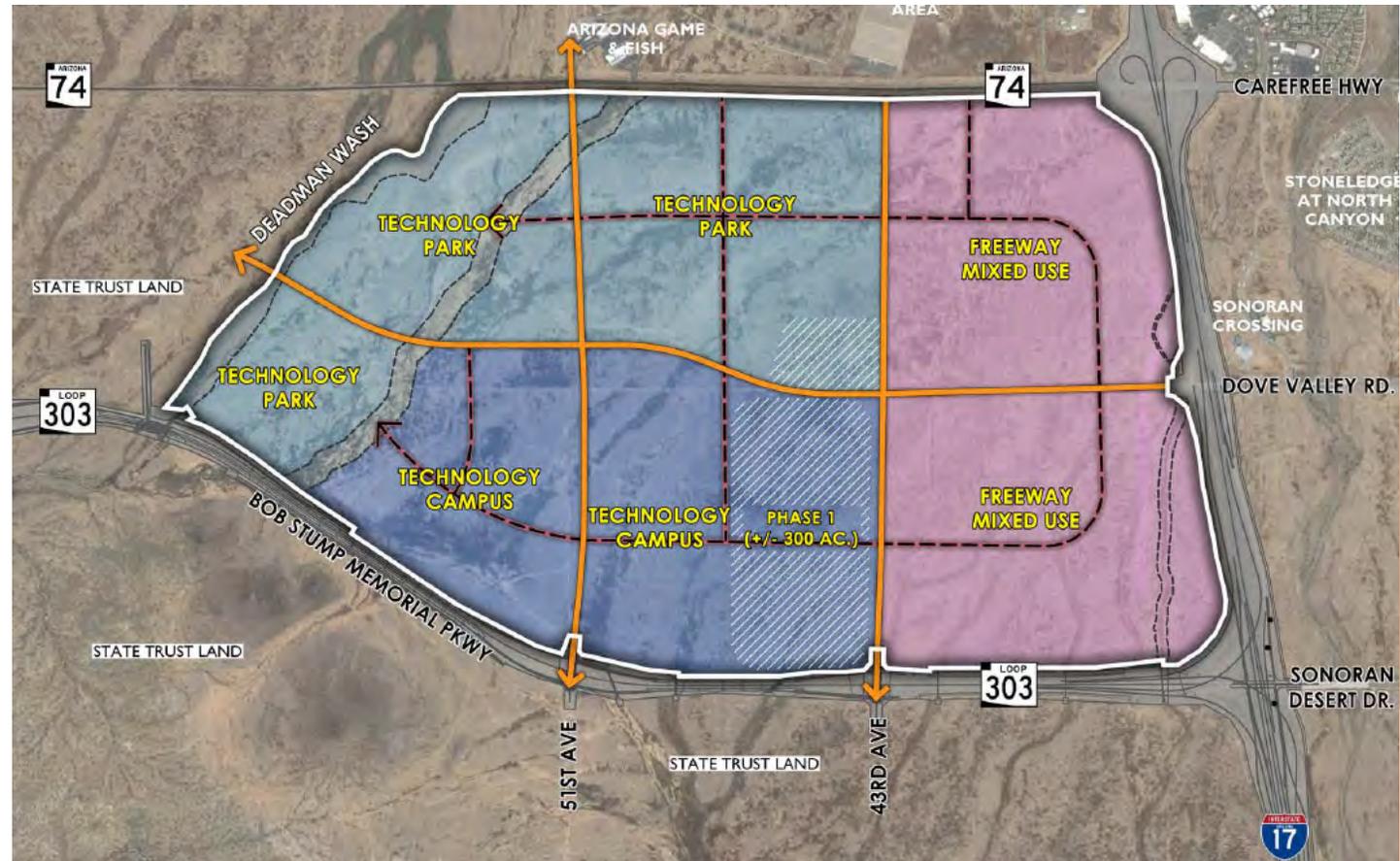
- General Plan**
- Residential 0 to 2 du/ac
 - Residential 2 to 3.5 du/ac
 - Residential 3.5 to 5 du/ac
 - Residential 5 to 15 du/ac
 - Residential 5 to 10 du/ac
 - Residential 15+ du/ac
 - Undesignated Area
 - Preserves / Mixed Use (Area C and D only)
 - Preserves / Mixed Use / Commercial / 5 to 10 or 10 to 15 du/ac
 - Preserves / Mixed Use / Commercial / Commercial
 - Preserves / Floodplain
 - Preserves / Public / Quasi-Public
 - Preserves / Commercial
 - Preserves / 15+ du/ac
 - Preserves / 5 to 10 or 10 to 15 du/ac
 - Preserves / 2 to 3.5 or 3.5 to 5 du/ac
 - Preserves / 0 to 1 or 1 to 2 du/ac
 - Commercial
 - Mixed Use Residential 15+ / Commerce/Business Park
 - Mixed Use (North Gateway and Northwest Area only)
 - Mixed Use Parks / Open Space / 3.5 to 5 du/ac
 - Mixed Use Commercial / 5 to 10 du/ac
 - Mixed Use (Commercial / 5 to 10 / 10 to 15 du/ac)
 - Mixed Use (Commercial / Commerce Park)
 - Mixed Use (Commercial / 15+ du/ac)
 - Commerce/Business Park
 - Parks/Open Space - Future 1 du/ac
 - Parks/Open Space - Publicly Owned
 - Public/Quasi-Public
 - Floodplain
 - Transportation

- General Plan**
- Residential 0 to 2 du/ac
 - Residential 2 to 3.5 du/ac
 - Residential 3.5 to 5 du/ac
 - Residential 5 to 15 du/ac
 - Residential 5 to 10 du/ac
 - Residential 15+ du/ac
 - Undesignated Area
 - Preserves / Mixed Use (Area C and D only)
 - Preserves / Mixed Use / Commercial / 5 to 10 or 10 to 15 du/ac

PHOENIX IS HOT 12

Sonoran Oasis Science & Tech Park

- Strong private sector interest
- Working on Master Plan
- Marketing partnerships
- Infrastructure investment



Deer Valley

Wall Street West



Mack Innovation Park – Supplier Campus

- Technology park for suppliers and others
- Infrastructure investment underway
- First TSMC supplier, Sun-Lit starting construction
- Campus planned as significant future employer



Next Generation Technologies

"Wearable Technology Leader"



"Next Generation Avionics Lab"



Norterra

North Phoenix



Healthcare / Bioscience Expansions

Leading in new development and life changing medicine

- Mayo Hospital
- Banner University Medical Center
- HonorHealth Sonoran Campus
- Barrow's
- St. Joseph's
- Dignity
- Valleywise
- Phoenix Children's Hospital



Discovery Oasis

Leading in new development and life changing medicine

- Mayo Hospital acquired an additional 228-acres adjacent to their campus in Desert Ridge
- Location where companies can share ideas and technology; from research to medical breakthroughs, even drugs



HonorHealth Sonoran Crossing Medical Center

Healthcare

- Sonoran Crossing Medical Center
 - 70 beds with the ability to expand
 - 24-hour emergency care
 - State-of-the-art technology in joint replacement, spine and gynecologic treatments and therapies
 - Plans to expand for premature infants



MetroCenter

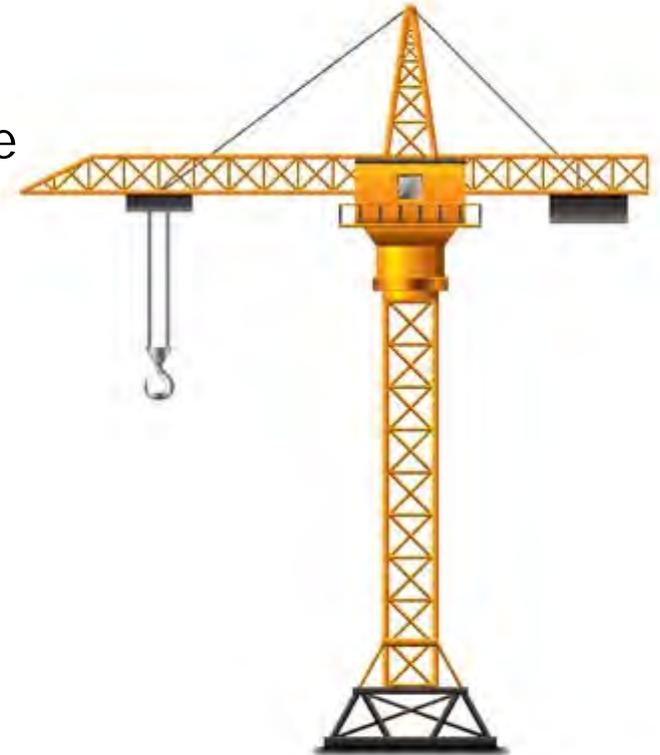
Redevelopment Opportunity



Development is Projected to Continue

We are better positioned today than we were before

- Other Top 10 Markets are still struggling
- Multi-Family and Single Family projected to continue surge; no end in site
- New projects, particularly industrial are incredibly strong with a deep pipeline
- Hotel funding beginning to relax
- Death of office has been greatly exaggerated



Current State of Economic Recovery

Many sectors have fully recovered



We are better positioned than we were before the pandemic

Arizona economy is strong; Inflation and hiring challenges could have some minor cooling effect in late 2022 in some sectors



Recovery Stats

- Full job (numbers) recovery has been recognized; some industries still lagging; #3 in the nation
- Holiday shopping season has been one of the most robust seasons; consumer spending has rebounded
- Revenue collections for government continues stronger than forecasted

Business and Workforce Trends

The greatest danger in turbulent times is to act with yesterday's logic



Shape and timeline of the future is changing

- Sustainable, resilient operations
- Balance between human workers and intelligent robots
- Shifting talent pool and the changing employee experience
- Flatter, more agile organizations
- Authenticity
- Purposeful business
- Co-opetition and integration

 **PHOENIX IS HOT**

Phoenix Business Resilience Grants Were a Success

- Small Business #1
 - \$2 million
- Small Business #2
 - \$5 million
- Restaurant Restart
 - \$1 million
- Aviation Small Business
 - \$1 million
- Micro
 - \$6 million + \$2 million
- Water
 - \$5 million

MICRO BUSINESS

SOLO PRACTITIONERS
ENTREPRENEURS
INDEPENDENT OPERATORS
EARLY-STAGE STARTUPS

RESILIENCY GRANT

ABOUT THE GRANT
A variety of microbusinesses are eligible to apply for the **\$5,000** Phoenix Microbusiness Resiliency Grant.
Microbusiness owners, solo practitioners, entrepreneurs, independent operators and startups are eligible, even when the business is home-based, or its workplace is inside another business, such as a booth rental in a hair salon, or in coworking space.
Grants may be used to cover costs of operations, supplies and materials, or rehiring employees. No repayment is necessary for grants. Grant funds must be used by November 1, 2020.

ELIGIBILITY CRITERIA

- Maximum of 5 employees as of March 1, 2020
- No more than \$1 million in gross sales between January 1, 2019 and December 31, 2019
- Open in Phoenix since January 1, 2019
- Must operate a physical/mobile location in Phoenix
- Gross sales declined by at least 25% as a result of COVID-19 in March and April 2020 compared to March and April of 2019

Learn more at [Phoenix.gov/Resources](https://phoenix.gov/Resources)

City of Phoenix
Community and Economic Development
200 W. Washington St., 20th Fl
Phoenix, AZ 85003 | 602-262-5040
[Phoenix.gov/econdev](https://phoenix.gov/econdev)

MICRO EMPRESAS

PROFESIONALES INDEPENDIENTES
EMPRENDEDORES
OPERADORES INDEPENDIENTES
EMPRESAS EMERGENTES EN LA PRIMERA FASE

SUBVENCIÓN DE RESILIENCIA

ACERCA DE LA SUBVENCIÓN
Son varias las microempresas elegibles para solicitar la **Subvención de Resiliencia para las Microempresas** de Phoenix de \$5,000. Los propietarios de microempresas, los profesionales independientes, los emprendedores, los operadores independientes y las empresas emergentes son elegibles, incluso si las actividades empresariales se realizan desde casa, si el lugar de trabajo se encuentra dentro de otro negocio (como la renta de un área de un salón de belleza) o si se trata de un espacio de trabajo compartido.
Los fondos pueden usarse para cubrir costos de operación, suministros y materiales o para la recontratación de empleados. Las subvenciones no necesitan ser reembolsadas. Los fondos de las becas deben ocuparse antes del 1º de noviembre de 2020.

CRITERIOS DE ELEGIBILIDAD

- Debe haber tenido un máximo de 5 empleados al 1º de marzo de 2020
- No debe haber rebasado \$1 millón en ventas brutas entre el 1º de enero de 2019 y el 31 de diciembre de 2019
- El negocio debe haber estado abierto en Phoenix desde el 1º de enero de 2020
- El establecimiento físico o móvil debe operar en Phoenix
- Debido a COVID-19 las ventas brutas de marzo y abril de 2020 deben haber disminuido (al menos) en un 25 %, en comparación con las de marzo y abril de 2019

Obtenga más información en [Phoenix.gov/Resources](https://phoenix.gov/Resources)

City of Phoenix
Community and Economic Development
200 W. Washington St., 20th Fl
Phoenix, AZ 85003 | 602-262-5040
[Phoenix.gov/EconDev](https://phoenix.gov/EconDev)

Assisted +2,200 business with these funds

American Recovery and Reinvestment Act Grants

- Small and Micro Businesses
 - \$8 million total
 - Up to \$15,000
- Workforce Training
 - \$10 million
- Digital Divide
 - \$10 million
- Small Business Training
 - \$2 million

PHX BIZ GRANTS

HELP YOUR BUSINESS PROSPER

Micro and Small Businesses in the City of Phoenix may be eligible to receive grants for up to \$15,000. The grant funds can be used for any business expense categorized by the Internal Revenue Service as a "deductible expense."

Past grant recipients have used funds for payroll, company rent or mortgage payments, insurance, inventory and utilities.

Applications will be accepted until April 15, 2022 unless all grant funds are awarded prior to this deadline.

See if you qualify for this opportunity.

ELIGIBILITY REQUIREMENTS:

Micro and Small businesses with 25 or fewer employees	Must operate a physical/mobile location in Phoenix and have been open one year prior to submitting a grant application	Gross sales less than \$3 million
		Gross sales declined by at least 25% as a result of COVID-19 when comparing any month since March 2021 with the same month in 2020 or 2019

TO LEARN MORE ABOUT THE GRANT AND FREE APPLICATION ASSISTANCE, VISIT US AT:
[Phoenix.gov/PHXBizGrants](https://phoenix.gov/PHXBizGrants)

PHOENIX IS HOT

PHX BIZ GRANTS

AYUDE A SU EMPRESA A PROSPERAR

Las micro y pequeñas empresas (negocios) en la Municipio de Phoenix podrán quizás ser elegibles para recibir subvenciones de hasta \$15,000 dólares. Los fondos de las subvenciones podrían ser utilizados para cualquier gasto empresarial categorizado como deducible de impuestos "deductible expense" por la agencia de Servicio de Impuestos Internos o IRS por sus siglas en inglés. Beneficiarios de las subvenciones anteriores han utilizado los fondos para gastos de nómina, pagos de alquiler o hipoteca del negocio, seguros, inventarios y servicios públicos como ejemplo.

Se aceptarán solicitudes hasta el 15 de abril del 2022 a menos de que todos los fondos disponibles para las subvenciones hayan sido ya otorgados antes del plazo.

Verifique y confirme si usted es elegible.

REQUISITOS:

Micro o pequeñas empresas con 25 empleados o menos	Deberá operar desde un lugar físico o móvil ubicado en el municipio de Phoenix y haber estado en operación desde hace un año antes de presentar la solicitud para la subvención	Tener ventas brutas de menos de \$3 millones de dólares
		Reducción en ventas brutas de por lo menos un 25% como resultado de COVID-19 al comparar cualquier mes desde marzo de 2021 con el mismo mes en 2020 o 2019

PARA APRENDER MÁS ACERCA DE LAS SUBVENCIONES Y PARA RECIBIR AYUDA GRATUITA CON SU SOLICITUD, VISITENOS EN:
[Phoenix.gov/PHXBizGrants](https://phoenix.gov/PHXBizGrants)

PHOENIX IS HOT

\$1.3 million already issued since November

Christine Mackay
Community Economic Development Director
City of Phoenix

Christine.mackay@phoenix.gov

602-534-9049

@chrismackayaz

 **PHOENIX IS HOT**